

Annual Monitoring Report  
Calendar Year 2014  
Grenada Manufacturing, LLC  
Grenada, Mississippi

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Prepared for  
Grenada Manufacturing  
LLC

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## List of Abbreviations

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1,2,4-TCB	1,2,4-trichlorobenzene	RCRA	Resource Conservation and Recovery Act
AOC	area of concern	RFA	RCRA Facility Assessment
bgs	below ground surface	RFI	RCRA Facility Investigation
BRA	Baseline Risk Assessment	RI	Remedial Investigation
cDCE	cis-1,2-dichloroethene	Rockwell	Rockwell International, Inc.
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act	SOIW	Summary of Investigative Work
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System	SVOC	semi-volatile organic compound
CMS	Corrective Measures Study	SWMU	solid waste management unit
COC	contaminant of concern	TCE	trichloroethene
CS	confirmatory sampling	TestAmerica	Laboratories, Inc.
CY 2013	Calendar Year 2013	trans-1,2-DCE	trans-1,2-dichloroethene
DNAPL	dense non-aqueous -phase liquid	UST	underground storage tank
DO	dissolved oxygen	VC	vinyl chloride
DOT	Department of Transportation	VOC	volatile organic compound
EPA	Environmental Protection Agency	VSI	visual site inspection
GCL	geocomposite clay liner		
ICE	ICE industries, Inc.		
ICU	intermediate confining unit		
IDW	investigation-derived waste		
LNAPL	Light non-aqueous-phase liquid		
MCL	Maximum Contaminant Level		
MDEQ	Mississippi Department of Environmental Quality		
MS/MSD	matrix spike/matrix spike duplicates		
NAPL	non-aqueous -phase liquid		
NFA	no further action		
ORP	oxidation reduction potential		
OSHA	Occupational Safety and Health Administration		
PCE	tetrachloroethene		
PMP	Performance Monitoring Plan		
PR	preliminary review		
PRB	permeable reactive barrier		
QA	quality assurance		
QAPP	Quality Assurance Project Plan		
QC	quality control		



## Section 1

# Introduction

This report provides the results of the monitoring events conducted in Calendar Year 2014 (CY 2014) at the Grenada Manufacturing facility (“facility” or “site”) in Grenada, Mississippi (Figure 1-1). The monitoring events were conducted in accordance with the protocols defined in the following documents:

- Performance Monitoring Plan (PMP), Appendix E of the Design Basis Report for the Groundwater Interim Measure, prepared in April 2003 and revised in September 2004. (Brown and Caldwell 2004d).
- Quality Assurance Project Plan (QAPP) prepared in November 2000 and revised in June 2006. (Brown and Caldwell 2004c).
- Groundwater Monitoring Program Optimization at the Site (Optimization Report), prepared in February 2008 (Brown and Caldwell 2008).

The monitoring program provides a means to evaluate the current groundwater conditions and the effectiveness of various corrective measures that have been implemented at the facility, including the permeable reactive barrier (PRB) completed in 2005.

A baseline sampling event for the current monitoring program was conducted in November 2003 and the data from this sampling event are presented in the Baseline Groundwater, Surface Water, and Sediment Sampling Report (Brown and Caldwell, 2004a). That report also summarizes information about the geology and hydrogeology of the site. Further, the 2012 Annual Report included a supplemental report (Appendix E), updating the conceptual site model (CSM) and providing additional information about the site geology and hydrogeology. Therefore, detailed information regarding the site geology, hydrogeology and CSM is not repeated herein because it can be found in the above-referenced documents.

CY 2014 monitoring events, which were conducted in May and November of 2014, included the following:

- Semi-annual, annual, and biennial groundwater monitoring events;
- Semi-annual monitoring of surface water in Riverdale Creek;
- Biennial monitoring of sediment in Riverdale Creek; and
- Light non-aqueous phase liquid (LNAPL) monitoring and recovery in existing LNAPL recovery (RC) wells on the east side of the facility’s main plant.

In addition, post-closure monitoring of groundwater at the Equalization (EQ) Lagoon was conducted in May 2014 pursuant to the facility’s Hazardous Waste Management Permit (facility permit). A separate report addressing the annual monitoring conducted at the EQ Lagoon has been provided to MDEQ and USEPA for the 2014 monitoring event.

In the sampling event performed in May of 2014, 22 wells were sampled, including four wells at the EQ Lagoon area. 16 additional wells were sampled in May as part of the biennial groundwater monitoring event. In the sampling event performed in November of 2014, 18 wells in the monitoring program were sampled. Both the spring and fall sampling events included surface water sampling in Riverdale Creek and sediment was sampled in the spring event as part of the biennial sampling event. Table 1-1 provides a complete monitoring schedule for the site.



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## 1.1 Facility History

The Grenada Manufacturing facility was constructed by Lyon in 1961 and sold to Rockwell International Corporation (Rockwell) in 1965. Rockwell operated a wheel cover manufacturing facility at the site from 1965 to 1985 when the plant and property were sold to Textron Inc. (Textron), formerly Randall Textron. In 1999, Textron sold the operations and property to Grenada Manufacturing, Inc. (Grenada Manufacturing), which continued to operate the wheel cover plant until 2008 when ICE Industries, Inc. (ICE) leased a portion of the facility. ICE has continued to operate the facility to the present as a stamping plant providing stamp-formed parts to various industries.

## 1.2 Environmental History

On January 20, 1989 the United States Environmental Protection Agency, Region IV (EPA) advised Textron “that there may be a release or threat of a release of hazardous substances from the site into the surrounding environment” and that EPA would be inspecting the facility pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). In addition, by letter dated February 16, 1989, the Mississippi Department of Natural Resources, now known as the Mississippi Department of Environmental Quality (MDEQ), advised Textron that the facility had been included on EPA’s Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list of potential hazardous waste sites.

On August 22, 1990, MDEQ issued an administrative order to Textron and Rockwell requiring the companies to “develop and execute a work plan to delineate and characterize the extent of any contaminant releases or potential releases” from an on-site landfill located west of the wastewater treatment plant, between the treatment plant and Riverdale Creek (Figures 1-2 and 1-3). Waste materials identified within the former on-site landfill area were excavated subsequently and disposed in an off-site facility, and a fence was constructed.

On March 19, 1991, Textron and the MDEQ entered into an “Agreed Order” (Order Number 1859-90) pursuant to which Textron consented to undertake the measures necessary to bring a wastewater impoundment containing regulated hazardous wastes (the EQ Lagoon) into compliance with the applicable RCRA regulations.

The site remedial investigation (RI) began in 1991 and continued through 1993. In August 1993, MDEQ shifted authority for project oversight from the Uncontrolled Sites Branch to the Hazardous Waste Branch. A Baseline Risk Assessment (BRA) was conducted for soil and shallow groundwater as part of the Supplemental RI Report prepared by Eckenfelder in March 1994. A Draft Remedial Investigation Report, Randall Textron Plant Site, Grenada, Mississippi (Eckenfelder, 1994) was submitted to MDEQ reflecting the results of a comprehensive site investigation and BRA. The remedial investigation identified several source areas that contained contaminants of concern (COCs) in addition to the former on-site landfill area. The areas of concern identified in the RI were: former on-site landfill, EQ Lagoon, former Sludge Lagoon, Chromium Reduction Unit, Raw Waste Station/Wet Well, Process Sewers, Outfall Ditch, former Toluene Storage Area, former trichloroethene (TCE) Storage Area, and former Burn Area.

The RI identified the presence of trichloroethylene (TCE) and its degradation products, as well as toluene and chromium, in the soil and groundwater at the site. Based on the BRA, the primary concern with respect to impacted groundwater was the migration of chlorinated volatile organic compounds (VOCs) to Riverdale Creek on the western side of the site. The BRA identified as COCs eight VOCs (1,2-dichloroethane, 1,1-dichloroethene, 1,2-dichloroethene [total], tetrachloroethene [PCE], toluene, 1,1,2-trichloroethane, trichloroethylene, and vinyl chloride), one semi-volatile organic compound [bis(2-ethylhexyl) phthalate], and two metals (chromium VI and arsenic).



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In 1995 EPA assumed authority for the project oversight, and determined that the investigation and cleanup of the site would proceed as a corrective action under the terms of the RCRA permit issued to the facility. In 1996 and 1997, a RCRA Facility Assessment (RFA) was performed by the EPA and its contractor (A.T. Kearney, Inc.) as part of the Federal Hazardous and Solid Waste Amendments (HSWA) permit process for the facility. The RFA report was sent to the facility in November 1997.

As a result of the Preliminary Review (PR) and Visual Site Inspection (VSI), 26 solid waste management units (SWMUs) and 3 areas of concern (AOCs) were identified. Of the 26 SWMUs identified, 18 SWMUs (1, 5, 6, 8, 9, 10, 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 26) were investigated, no evidence of a release was found, and no further action required. Prior to the date that the facility became regulated under RCRA, remedial actions had been completed at SWMU 2 (former EQ Lagoon) and SWMU 3 (former on-site landfill). A RCRA Facility Investigation (RFI) was required for the remaining SWMUs (2, 3, 4, 7, 12, 13, 14, 15 and 27) and for AOCs A, B, and C. Figure 1-3 identifies the locations of the SWMUs, AOCs and other areas addressed in the RFI.

As a condition of the facility's HSWA Permit, EPA required preparation of an Interim Measures Work Plan (IM Work Plan) to address the Chromium Destruct Pit (SWMU 14), former TCE Storage Area (AOC A), former Toluene Storage Area (AOC B), Wet Well (SWMU 12), plant process sewers (SWMU 15), and site-wide groundwater. In July 1998, EPA issued a HSWA permit to the facility.

In March 1999, EPA issued a combined RFI/Confirmatory Sampling (CS) Work Plan call letter. EPA requested summaries of data obtained subsequent to issuance of the RI Report be prepared and that the available data be organized by SWMU or AOC. A Summary of Investigative Work (SOIW) document was prepared by Brown and Caldwell and transmitted to EPA and MDEQ in July 1999. Comments on the SOIW were received from the EPA, which required that it be revised and resubmitted as the RFI Report. Additional groundwater sampling was performed to update the groundwater database and to incorporate the updated information in the RFI Report (revised SOIW).

An Interim Measures (IM) Work Plan was submitted to EPA in June 2000 and approved in July 2000. The IM Work Plan addressed additional data collection and the evaluation of interim measures for both source control and site-wide groundwater. The additional data collected and reported in the RFI Report were used in evaluating interim measures. The RFI Report, including responses to EPA comments on the Draft SOIW and the results of the additional sampling, was issued in final form in October 2001. (Brown and Caldwell, 2001).

In 2004, a report entitled "Corrective Measure Study, Grenada Manufacturing, LLC" (CMS) (Brown and Caldwell, 2004) recommended eight site-specific components as the final corrective measures for the site (in addition to the measures that already had been undertaken):

- Additional dense non-aqueous-phase liquid (DNAPL) recovery at AOC A;
- Additional LNAPL recovery at AOC B;
- Additional non-aqueous-phase liquid (NAPL) recovery at the former Sludge Lagoon;
- Construction of a high vacuum multi-phase extraction system at AOC B;
- Installation of a sheet pile barrier upgradient of AOC A for groundwater migration control;
- Closure of the former Sludge Lagoon (SWMU 4);
- Installation of a PRB for site-wide groundwater migration control; and
- Implementation of select institutional controls for the site.

The CMS was approved by EPA in September 2003, and in December 2005, the plant's HSWA permit was modified to require implementation of the corrective measures.

On July 18, 2006, a Corrective Measures Pre-Design Activities Work Plan (Work Plan) was submitted to EPA identifying work to be completed prior to implementing the approved CMS. The Work Plan was



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approved by EPA and the activities outlined therein were completed. The performance of the work provided information for design of the measures and/or evaluation of the expected effectiveness of certain of the measures proposed in the CMS. The Corrective Measures Pre-Design Investigation Results for the Facility (“Pre-Design Investigation Report”) was submitted to EPA on July 18, 2008. This report included design information concerning the former Sludge Lagoon Closure and the implementation of other site corrective measures. (Brown and Caldwell, 2008a).

## 1.3 Summary of Site Remedial Actions

Remedial activities at the site commenced in 1990 with the excavation of waste from the former on-site landfill (SWMU 3) for off-site disposal, and remediation continued through 2010 with closure of the former Sludge Lagoon (SWMU 4). Figure 1-4 provides the locations of each of the areas where corrective measures were performed to remove or control source areas. These measures either have occurred as interim measures or within the framework of the RFI and CMS. Figure 1-4 also identifies the year in which the measures were implemented at each location. The descriptions of the corrective measures performed at each location are provided in the following subsections, which also specify additional documents that can be referenced to obtain detailed information regarding each of the corrective measures taken at the site.

### 1.3.1 Former On-Site Landfill (SWMU 3)

The former on-site landfill managed site waste generated at the facility, including buffing compounds, still-bottoms and paint sludges. Remedial activities were initiated at the Site in 1990 with the removal and off-site disposal of waste material from the former on-site landfill. In addition to this initial removal action, an interim measure was implemented at the former on-site landfill in 1994 to address potential residual impact in the soil that formerly had been in contact with the waste material present in the landfill (SWMU 3, Figure 1-4). The purpose of the interim measure was to remove constituent mass of TCE to reduce potential direct-contact risk and reduce the potential source impact of the on-site landfill to groundwater. The interim measure involved ex-situ soil vapor extraction to treat approximately 9,000 cubic yards of soil. TCE-impacted soil was excavated and mixed with aggregate and lime using a road stabilizer fitted with an off-gas treatment system. Treated soil was stockpiled, and after verified to be below cleanup goals for TCE, the soil was returned to the excavation area.

### 1.3.2 Equalization Lagoon (SWMU 2)

The former EQ Lagoon (SWMU 2), located northeast of the main plant building, received process wastewater flows from the roll-forming department, boiler blowdown, boil-off, butler wash, buff wash, alkaline rinse water, and cooling waters until July 1991. It was closed under MDEQ’s jurisdiction as a regulated unit and wastewater subsequently was routed directly to the facility’s wastewater treatment plant. The closure activities, completed in 1994, consisted of draining the EQ Lagoon, and removal and temporary consolidation of sludge and underlying soil within the eastern portion of the drained lagoon. An engineered liner was then constructed within the western portion of the lagoon and the sludge and underlying soil were placed within the lined area. An engineered landfill cover system was then constructed over the area. Lastly, the eastern portion of the former EQ Lagoon was allowed to refill with surface water runoff. The closure is described in detail in the final RCRA Facility Investigation (RFI) Report (Brown and Caldwell, 2000).

### 1.3.3 Chrome Destruct Pit (SWMU 14)

Active chrome plating operations at the plant were discontinued on January 18, 2001. Use of the Chrome Destruct Pit (SWMU 14) for treating chromium-laden wastewater was discontinued by March 9, 2001. Grenada Manufacturing submitted a closure plan for the associated sumps, pits, and the Chrome



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Destruct Pit, which was approved by EPA in October 2001. Clean closure included filling the pit with clean backfill and covering the area with six-inches of concrete. EPA stated that “No Further Action” was required in a letter to Grenada Manufacturing, dated April 4, 2002.

### **1.3.4 Chrome Plating Line (SWMU 27)**

During the closure activities for the Chrome Destruct Pit, Grenada Manufacturing identified another SWMU, which EPA subsequently designated as the Chrome Plating Area, SWMU 27. The chrome plating department was composed of three chrome-plating lines with 11 tanks in each line. The lines were each in a recessed area, four feet below the plant floor. The recessed plating lines were sloped to the Process Sewers (SWMU 15) so that the overflow from the tanks in the northern half of each chrome line (tanks 1 through 6) drained to the Wet Well (SWMU 12). These tanks did not contain any chromium. The tanks in the southern half (tanks 7 through 11) of each line contained chromium, and the overflow from these tanks drained to the Chrome Destruct Pit (SWMU 14).

At EPA’s request, Grenada Manufacturing prepared an Assessment Report and Closure Plan for the Chrome Plating Line Area (Brown and Caldwell, 2003a), which was approved in a letter from the EPA dated January 30, 2003. Grenada Manufacturing completed the actions identified in the Closure Plan that could be completed while the facility remains active. Any additional source removal activities, if needed, will be completed when the facility is closed and demolished. However, there is no evidence of chromium moving from under the plant building. If it were to move, it would be in groundwater in the form of hexavalent chromium and would be detected by the monitoring program and treated by the PRB (assuming it was even capable of traveling this far in the aquifer before being reduced to a non-soluble form of chromium [trivalent chromium]).

### **1.3.5 Former Above-Ground TCE Storage Tank (AOC A)**

DNAPL was identified in a monitoring well near the former TCE Above-Ground Storage Tank within AOC A (Figure 1-4). The tank was placed in service in 1973 and removed from service in 1980 following a reported release from underground piping associated with the tank. A new above-ground tank was installed at that time and placed within a containment berm with above-ground piping. TCE use at the site was discontinued in 1992.

An automated DNAPL recovery system was installed in October 1993 within AOC A. The DNAPL recovery well is located between the plant building and the plant warehouse to the east in the vicinity of the Former TCE Storage Tank. The automated DNAPL recovery system was operated for a period of approximately three years to recover free-phase TCE. As a result of this interim action, over 200 gallons of TCE were removed before product thickness decreased to the point that additional recovery using the automated system was no longer beneficial. Automated recovery ceased in 1996, but recovery of DNAPL continued through periodic manual bailing from 1996 through 2003, when it was determined that no additional free-phase TCE could be removed. Approximately 39 additional gallons of DNAPL was recovered through manual bailing, bringing the total documented DNAPL recovery to at least 239 gallons. Additional monitoring has indicated that DNAPL no longer accumulates in the recovery well.

The CMS called for additional DNAPL recovery in AOC A. In preparation for installing additional DNAPL recovery wells in this area, the Corrective Measures Pre-Design Activities Work Plan (Pre-Design Work Plan, Brown and Caldwell, 2006b) was prepared that included an evaluation of the potential for additional DNAPL recovery in AOC A. This work plan was approved by EPA on April 8, 2007. The Work Plan called for installing a grid of temporary wells in the vicinity of the former DNAPL recovery well to determine if additional recoverable zones of DNAPL were present in AOC A. The wells were screened at the interface of the aquifer with the Shaley Clay Aquitard and were equipped with a sump that extended into the Aquitard to allow accumulation of DNAPL if recoverable quantities were present. A total of 31 temporary wells were installed and measurements were obtained from the wells for a period of four



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months following installation. DNAPL was not detected in any of the temporary wells. The methods and results of this investigation are described in detail in the Pre-Design Activities Report. Based on the results of these activities, the Pre-Design Report recommended no further action be taken for DNAPL removal in AOC A.

The CMS also recommended the evaluation of a sheet pile barrier to be placed upgradient of the DNAPL source area as a means of source area control. Due to the location of the DNAPL source area and surrounding buildings and utilities, a full barrier around the source area would not be practical, so a partial barrier upgradient of the source area was envisioned. The Pre-Design Work Plan described groundwater fate and transport modeling that would be completed to evaluate the effects of this type of partial barrier on the source area control for AOC A.

Groundwater fate and transport modeling was completed as a pre-design study for the sheet pile barrier concept. A regional MODFLOW/MT3D model was used to complete this analysis, and the methods and results of the evaluation were included in the Pre-Design Activities Report. The fate and transport modeling results indicated that the barrier would create a minor reduction in the total flux of TCE to the PRB, but the reduction was small enough to be within the margin of error for the modeling effort. In addition, the model predicted that the TCE flux to the PRB would continue for a longer period of time with the barrier in place, negating any potential benefit of a reduced total quantity of TCE reaching the PRB. In light of the foregoing, the report recommended eliminating the sheet pile barrier as a viable source area control measure for AOC A (and AOC B).

EPA approved the Pre-Design Studies Report, accepting the recommendations for AOC A.

### **1.3.6 Former Underground Toluene Storage Tank (AOC B)**

A 2,000 gallon steel underground storage tank used to store toluene was once located outside of the southeast wall of the facility. The tank was taken out of service in 1988 and was removed (with some surrounding soil) in March of 1988. LNAPL was observed in the tank cavity upon removal of the tank and surrounding soils. Underground piping associated with the tank was the suspected source of the release.

An automated LNAPL recovery system (“automated system”) was installed in October of 1993 to recover free phase toluene in the Former Toluene Underground Storage Tank (UST) Area (AOC B, Figure 1-4). The automated system operated for a period of about two years and consisted of four wells located immediately behind (southeast of) the main plant building in the former area of the Toluene UST. Over 2,000 gallons of toluene were removed before product thickness decreased to the point where additional recovery using the automated system was no longer beneficial. Operation of the automated system ceased in 1995, but periodic manual bailing of LNAPL accumulating in the recovery wells has continued to the present. Typically, only small volumes of LNAPL are recovered (approximately two to five gallons per recovery event). The quantity of LNAPL recovered was not recorded for the period between 1995 and 2000, although monthly bailing was practiced during this period. Recording resumed in 2000 and approximately 200 gallons of LNAPL have been recovered between 2000 and 2010, for a total of at least 2,200 gallons of toluene LNAPL recovered from AOC B. LNAPL recovery occurs during each semi-annual sampling event, if an LNAPL layer is identified in one or more of the recovery wells.

The CMS proposed implementing a high vacuum dual-phase recovery system if pilot testing indicated that the system could effectively aid the recovery of LNAPL in AOC B. The geology and hydrogeology of the AOC B area is not well-suited to this type of recovery system due to the presence of a low permeability layer at or just above the water table. Thus, additional pre-design work was proposed to determine if such a system would be feasible and/or if other methods for increasing the rate of LNAPL recovery could be developed. The proposed pre-design testing was outlined in the Pre-Design Work Plan,



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and pilot testing was completed at the Site in October 2007. Tests were performed on recovery wells RC-2 and RC-4, the only wells with LNAPL present at the time of the testing. The testing demonstrated that removal methods that provide vacuum to the well would not effectively increase the recovery rate of LNAPL, due to the corresponding rise in the water table and sealing of the zone that contains the LNAPL. Given the likelihood that more aggressive methods would not increase the LNAPL recovery rate, the Pre-Design Activities Report recommended that passive methods, such as bailing of LNAPL from the wells, be continued. Details regarding the methods and results of the testing are provided in the report.

EPA approved the Pre-Design Studies Report, accepting the recommendations for AOC B.

### **1.3.7 Former Sludge Lagoon (SWMU 4)**

The former Sludge Lagoon (SWMU 4, Figure 1-4) previously was used as a retention basin for solids and chemical precipitation from the wastewater treatment plant. In 1982, a petition was submitted to the USEPA and MDEQ to delist the wastewater treatment sludge accumulated in the lagoon. In a letter dated December 22, 1982, MDEQ granted the delisting; thus, the sludge is not a hazardous waste. The Sludge Lagoon has not been active since the waste sludge was delisted.

Based on groundwater monitoring results and field observations, monitoring well MW-2 (located near the former Sludge Lagoon) was added to the NAPL recovery program in June 2001. Although a small layer of LNAPL was detected in MW-2, multiple efforts to recover NAPL from this well were unsuccessful and NAPL recovery was abandoned for this well. However, it was considered possible that LNAPL and/or DNAPL might be present in the vicinity of the former Sludge Lagoon, based on the presence of the thin free-phase layer in MW-2.

The Pre-Design Work Plan provided proposed methods for installing wells screened to intercept an LNAPL layer (if present), and additional wells screened to detect a DNAPL layer (if present). A total of 18 wells (nine to identify potential LNAPL and nine to identify potential DNAPL) were installed according to the approved work plan in July of 2007. Water level measurements were obtained from all the wells using an interface probe (for identification of a NAPL layer) on three occasions over a four-month period. No LNAPL or DNAPL was identified in any of the wells at the former Sludge Lagoon. Based on this finding, it was concluded that recoverable NAPL was not present at the former Sludge Lagoon and that no further action was recommended for NAPL recovery at this location. The methods and conclusions of this study are provided in the Pre-Design Activities Report.

An evaluation of the vadose-zone soils in the vicinity of the former Sludge Lagoon was also completed as a pre-design study to determine an appropriate distance to extend the cap system for the former Sludge Lagoon closure. The intent of this study was to design the cap to cover impacted vadose zone soils potentially present adjacent to the former Sludge Lagoon. A total of 12 soil borings were completed in the area adjacent to the former Sludge Lagoon. A small area of impacted soil was identified in one boring and a step out boring was used to define the extents of the impacted soil. The methods and results of the investigation were provided in the Pre-Design Report, and the former Sludge Lagoon cap system was designed to extend beyond the clean boundaries identified in the investigation.

Methods for stabilizing the sludge in place to allow an impermeable cap to be placed over the lagoon were evaluated as a pre-design study and the results were provided in the Pre-Design Activities Report. A Sludge Lagoon Closure and Post Closure Monitoring Plan (Brown and Caldwell, 2008c) was approved by EPA in a letter dated January 29, 2009. Closure construction activities for the former Sludge Lagoon began on April 19, 2010, and the final seeding of the cap system was completed on October 15, 2010. A construction certification report, Solid Waste Management Unit 4 – Sludge Lagoon Closure Construction Certification Report (Brown and Caldwell, 2011), was submitted on March 3, 2011.



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### 1.3.8 Outfall Ditch (SWMU 7)

Both sediments and surface water were sampled at several locations along the Outfall Ditch (SWMU 7, Figure 1-4). Additionally, groundwater and wastewater effluent, two sources to the Outfall Ditch, were monitored, as well as Riverdale Creek to which the Outfall Ditch discharges. Sufficient information was obtained prior to completion of the CMS to delineate this SWMU, and was appropriately listed as requiring NFA in EPA's letter to Mr. Lloyd Taylor at Textron, dated May 21, 1999. Therefore, SWMU 7 did not undergo further evaluation or corrective action as part of the CMS.

The Outfall Ditch was improved prior to the installation of the PRB. Improvements included the removal of sediment and vegetation, the placement and compaction of a soil liner to raise the base elevation (to be higher than the PRB where it crossed) and to isolate the ditch from the groundwater system. At the location of the PRB, a geocomposite clay liner (GCL) was added to the ditch along with the compacted soil liner to ensure isolation from the PRB and ensure that groundwater cannot pass over the PRB through the Outfall Ditch. A geotextile fabric was placed on the compacted soil liner for the ditch followed by rip-rap to protect the liner from erosion. Details regarding the improvements made to the Outfall Ditch are provided in the Construction Report for the PRB Groundwater Interim Measure (PRB Construction Completion Report, Brown and Caldwell, 2006).

### 1.3.9 Site-Wide Groundwater Migration Control

While the source control interim measures have provided obvious benefit to the site, groundwater monitoring indicated additional measures were needed to prevent the flux of impacted groundwater to Riverdale Creek. A PRB using zero valent iron filings was selected as the most appropriate option for the site to treat groundwater in-situ upgradient of where it flows to Riverdale Creek. The PRB location, length, and thickness were determined during the interim measure design phase and were outlined in the Design Basis Report submitted to EPA on September 17, 2004 (Brown and Caldwell, 2004b). The primary COCs the PRB was designed to treat were TCE and its daughter products. However, the PRB also is capable of reducing hexavalent chromium to trivalent chromium, which precipitates within the aquifer or the PRB. At this site, hexavalent chromium, where present, appears to be reduced within the aquifer to trivalent chromium, which is nearly insoluble and does not form a groundwater plume. Regardless, the PRB provides an additional level of protection to ensure that hexavalent chromium does not migrate to Riverdale Creek.

The ZVI PRB was constructed during the period between August 31, 2004 and March 29, 2005. The location of the PRB is depicted on Figure 1-4. The PRB extends in depth from approximately five feet above the water table to the depth of the Shaley Clay Aquitard present at 50 to 60 feet below ground surface (bgs). The PRB consists of upper and lower panels of approximately equivalent depth. The dual panels were constructed to allow the PRB thickness to be designed to more accurately match the groundwater impact present in the Shallow and Deep Zones of the Upper Aquifer. The PRB is approximately 1,200 feet long as shown on Figure 1-4. Details regarding the installation of the PRB are provided in the PRB Construction Completion Report.

### 1.3.10 Indoor Air

A VOC plume originating in AOCs A and B (upgradient of the facility) travels with groundwater beneath the facility in route to the primary site groundwater treatment system (the PRB installed near Riverdale Creek). Given that impacted groundwater travels under the building, indoor air sampling was conducted to verify VOCs from groundwater were not impacting indoor air quality at the facility.

The results of the vapor intrusion assessment were presented in a letter to EPA dated February 26, 2002. The assessment identified ten VOCs that had potential to exceed the target concentrations at least one groundwater monitoring location near the main plant building. The assessment concluded there were insufficient data to determine whether the vapor to indoor air pathway was complete and if



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indoor air quality had been impacted. In a letter dated June 14, 2002, EPA requested that an Indoor Air Monitoring Work Plan be prepared to collect data to further assess the vapor to indoor air pathway, and that another VOC, toluene, be added to the analyte list, making a total of 11 VOCs on the analyte list.

An Indoor Air Monitoring Report (Indoor Air Monitoring Report, Grenada Manufacturing Site, Grenada, Mississippi, Brown and Caldwell, 2004c) was submitted to EPA in December 2004. This report summarized the air monitoring activities that occurred on February 17, 2003 and the results. In a letter dated May 17, 2004, EPA required that additional indoor air sampling be conducted to supplement the data from the February 17, 2003 sampling event. Additional indoor air sampling occurred on August 18, 2004, which was documented in the Indoor Air Monitoring Report. The data demonstrated the absence of a vapor intrusion issue at the facility.

Nonetheless, EPA requested that an additional winter and summer sampling round be performed five years later, in 2009. EPA stated that, if the results of the additional indoor air sampling events did not indicate vapor intrusion to the facility, no further sampling would be required in the plant building. The 2009 indoor air monitoring events also did not identify any indoor air concerns regarding the COCs present in groundwater beneath the facility. In fact, the groundwater concentration of COCs generally had declined over the six-year period of indoor air sampling (and are expected to continue to decline). (Indoor Air Monitoring Report, ICE Industries, Brown and Caldwell, 2010). In light of the six years of favorable data, EPA agreed that no further indoor air monitoring would be necessary at the plant, as long as the shallow groundwater COC concentrations monitored downgradient of the facility remain below the concentrations previously reported.

### 1.3.11 Institutional Controls

The institutional controls in place at the site include signage on fencing around the main plant buildings and the wastewater treatment plant/sludge lagoon areas indicating limited access and/or the presence of conditions that warrant caution, as well as deed restrictions. These institutional controls are recorded with the Chancery Clerk's Office of Grenada County in the State of Mississippi in Book 331 on pages 102 through 107 and Book 332 on pages 165 through 169. The controls specify that:

1. No persons shall install any groundwater wells or extract the groundwater in the Upper Aquifer located at or underlying the Property for any purpose, potable or non-potable, except for groundwater sampling, groundwater investigation, or remedial activities, as warranted and approved by the U.S. EPA and/or MDEQ.
2. The Property is restricted to non-residential use, and shall not be used as a hospital, school, day care facility, or other child-occupied facility, as those terms may be currently defined, or defined in the future, by zoning ordinance(s) of the City of Grenada or any other local governmental entity with jurisdiction and authority to regulate the land use at the Property.
3. There shall be no surface or subsurface demolition, excavation, drilling or other similar activities in the former chrome plating line area of the Property identified on Exhibit B without the prior written approval of the U.S. EPA and MDEQ.
4. Owner grants access to the Property at all reasonable times to the U.S. EPA, the MDEQ, and any private persons (including their contractors, subcontractors and agents) who have not otherwise been granted access to the Property and who are authorized by the U.S. EPA and/or the MDEQ to undertake environmental activities on the Property relating in any way to the State of Mississippi Hazardous Waste Management Permit No. HW-007-037-278 or U.S. EPA RCRA Permit No. MSD 007 037 278. All parties obtaining or granted access to the Property under this provision shall conduct their activities on the Property in a manner which minimizes to the fullest extent possible any disruptions to the use and enjoyment of the Property by Owner, its successors or assigns, and/or any other persons having an ownership or property interest in the Property.



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## 1.4 Site Conceptual Model

A detailed conceptual site model (CSM) was presented as a Supplement to the 2012 Annual Report (Attachment E of the 2012 Annual Report). The CSM is summarized below. The stratigraphy at the site is comprised of approximately 8 to 15 feet of clayey silt or silty clay overlying approximately 30 to 50 feet of saturated, fine- to medium-grained sands that contain varying amounts of silt. Combined, these soils are referred to as the “Upper Aquifer”. Within the vicinity of the Main Plant, the Upper Aquifer is bisected by a discontinuous clay (Intermediate Clay) unit at a depth between 20 and 30 feet bgs. This Intermediate Clay was not observed in the western portion of the site or in the vicinity of the PRB. The sands present above and below the Intermediate Clay are referred to as the “Shallow Zone” and “Deep Zone” of the Upper Aquifer. At the base of the Upper Aquifer is a thinly-bedded, slightly-sandy, clayey silt, which is encountered at depths ranging from 47 to 60 feet bgs. This unit, referred to as the “Shaley Clay Aquitard”, separates the upper and lower aquifers. This layer is approximately 16 feet thick and historically has been identified as marl, exhibiting much higher blow counts than the overlying soils. Below this unit is another sand layer that comprises the “Lower Aquifer”.

The Upper Aquifer is the primary horizontal transport pathway for the site. The groundwater in this aquifer is generally under semi-confined conditions, flows to the northwest, and discharges into Riverdale Creek. It is believed that Riverdale Creek is in direct communication with the Upper Aquifer. The Upper Aquifer is semi-confined above by the surficial confining unit and below by the Shaley Clay Aquitard. A significant upward gradient exists between the upper and lower aquifers, thereby precluding the transport of COCs to the lower aquifer from the site. No contamination impact has been identified in the lower aquifer.

## 1.5 Report Organization

The remainder of this report provides the methods, results and conclusions for the CY 2014 groundwater and surface water monitoring events completed at the site. Section 2 provides the monitoring strategy and methods for the sampling program(s). Section 3 provides the results of the monitoring events completed in CY 2014. Section 4 is a summary of the sampling results for CY 2014, and Section 5 lists the references cited in various sections of this report.



## Section 2

# Monitoring Strategy and Methods

This section of the report describes the groundwater and surface water monitoring methods used at the site. Groundwater and surface water were sampled to monitor the effectiveness of the corrective measures (e.g., the PRB and EQ Lagoon closure) and to evaluate current Site conditions. Sediment also was sampled during the CY2014 monitoring events, in the Spring of 2014.

Monitoring wells across the site were installed in either the Shallow or the Deep Zone of the Upper Aquifer that underlies the facility. Each of the well locations surrounding the PRB contains a Shallow and Deep Zone well pair to monitor both zones of the Upper Aquifer. Groundwater sampling locations are shown on Figure 2-1, and surface water and sediment locations on Figure 2-2. The groundwater and surface water monitoring points, along with the associated aquifer zone for corrective measures monitoring and post-closure monitoring, are listed in Table 1-1. The sediment monitoring points are listed in Table 2-2. The analytical parameters for each sample location are indicated in Table 1-1 and listed in Tables 2-1 and 2-2. The sampling methods and procedures are presented in the QAPP, including field sampling procedures, laboratory analyses, sample chain-of-custody, quality assurance (QA)/quality control (QC), and personnel certification. Groundwater, surface water, and sediment monitoring are discussed further in Sections 2.1 through 2.3.

## 2.1 Groundwater Monitoring

Groundwater was collected from the monitoring wells listed in Table 1-1, as outlined in the PMP, the revised QAPP, and the Groundwater Monitoring Program Optimization Plan (Brown and Caldwell, 2008b). The groundwater samples were tested in the field for select parameters and analyzed by TestAmerica Laboratories, Inc. (TestAmerica) in North Canton, Ohio for the parameters listed in either Table 2-1 or 2-2. Field measurements and observations were recorded in field log books and summarized on the Field Sample Data Forms (included in Appendix A). Field sampling was completed in accordance with EPA established protocols provided in the QAPP.

Samples were appropriately preserved, placed on ice and stored at approximately 4 degrees Celsius (°C) immediately upon collection, and shipped to the laboratory in accordance with standard chain-of-custody and sample preservation procedures. Chain-of-custody records and laboratory analytical reports are included in Appendix B.

## 2.2 Surface Water Sampling

Groundwater in the Upper Aquifer at the site flows to the west/northwest and discharges into Riverdale Creek. Surface water samples were collected at five sample locations (SW-9, SW-12, SW-17, SW-19, and SW-22), as indicated on Figure 2-2 for both the spring and fall sampling events in 2014. These locations coincide with previous sampling locations so the most recent data can be compared with historical data. Also, the sample designations match those assigned in previous investigations. These locations include one sample collected approximately 300 feet upstream of the Outfall Ditch on Riverdale Creek (SW-22), one at the confluence of the Outfall Ditch and Riverdale Creek (SW-12), one in Riverdale Creek parallel to the alignment of the PRB approximately 400 feet downstream of the Outfall Ditch (SW-19), and two further downstream samples beyond the southern extent of the PRB. The two samples downstream of the PRB consist of one sample approximately 2,000 feet downstream of the



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Outfall Ditch (SW-9) (roughly 400 feet downstream of the southern end of the PRB) and the second approximately 3,000 feet downstream of the Outfall Ditch near the Highway 51 Bridge (SW-17).

Surface water samples were collected near the east bank of Riverdale Creek at locations exhibiting the greatest degree of homogeneity. Surface water samples were collected in a downstream to upstream direction so that sediment was not mobilized that could potentially impact unsampled locations. At each of the sample locations, a water sample was collected that was representative of the entire depth at the sampling location. Sampling procedures outlined in the PMP were followed to provide representative samples of the water in Riverdale Creek. Water temperature, pH, specific conductance, turbidity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) were measured in the field using a portable meter and recorded on the Field Sample Data sheets. The probe of the portable meter was gently wiped with a paper towel and then rinsed with deionized water before and after each use. The meter was calibrated daily before use. Sampling equipment was decontaminated before sampling in accordance with EPA established protocols and those outlined in the QAPP.

Field measurements and observations were recorded in the field log book and are summarized on the Sample Field Data Forms (Appendix A). Samples were appropriately preserved, placed on ice and stored at approximately 4°C immediately upon collection, and shipped to the laboratory in accordance with standard chain-of-custody procedures. TestAmerica analyzed the surface water samples for VOCs and the inorganic parameters listed in Table 2-1. Chain-of-custody records and laboratory analytical reports are included in Appendix B.

## 2.3 Sediment Sampling

Similar to surface water sampling, sediment samples were collected at five locations (SD-4, SD-7, SD-9, SD-12, and SD-17), as indicated on Figure 2-2 for the spring 2014 sampling event. In order to compare previously gathered data, these sample locations coincide with previous sediment sampling events. In addition, the sample designations match those assigned in previous investigations. Sediment sample locations correspond to the surface water sampling locations, with the groundwater samples collected before the sediment is disturbed for the sediment sampling

Sediment samples were collected from downstream to upstream so that sediment was not transported after collection at that location. Samples were recorded in the field log book. Sampling equipment was decontaminated prior to sampling in accordance with EPA's established protocols and those outlined in the QAPP.

The sediment samples were analyzed by TestAmerica for VOCs and inorganic parameters listed in Table 2-1. Field observations were recorded in the field log book and are summarized on the Field Sample Data Forms (included in Appendix A). Samples were appropriately preserved and stored at approximately 4°C immediately upon collection, during shipment to the laboratory, and until analyses were performed. Samples were shipped to the laboratory in accordance with standard chain of custody protocol. Chain-of-custody records and laboratory analytical reports are included in Appendix B. A discussion of the monitoring results is presented in Section 3.6.

## 2.4 Light Non-Aqueous Phase Liquid (LNAPL) Monitoring and Recovery

LNAPL previously has been recovered in an area located near the northeast corner of the main plant building. There are four LNAPL recovery wells (RC-1, RC-2, RC-3, and RC-4), and the LNAPL thickness in these wells has been monitored as a part of the overall site monitoring program since 2004.

Collection of LNAPL from the RC wells was completed using peristaltic pumps with disposable tubing. The only wells that showed product thickness during CY 2014 were RC-2 and RC-4. The recovered LNAPL and the disposable material used during recovery were drummed as investigation derived waste



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(IDW) following procedures outlined in the QAPP, and retained in the drum storage area in accumulation drums for future disposal. Non-disposable material was decontaminated in the field.

## 2.5 Quality Assurance and Quality Control (QA/QC)

Sampling and analysis QA/QC was maintained and monitored by collection and analysis of field QA/QC samples and analysis of method-required laboratory QA/QC samples. Four duplicate, four matrix spike/matrix spike duplicate (MS/MSD), and seven field blanks were collected during the spring 2014 groundwater sampling event. Two duplicate, two MS/MSD and two field blanks were collected during the fall 2014 sampling event. One duplicate was collected during each surface water sampling event and during the sediment sampling event. For each sampling event, one trip blank was sent with each shipment containing samples for VOC analysis and one temperature control blank was placed in each cooler. All QA/QC samples were recorded in the field log book and are summarized on the Field Sample Data Forms in Appendix A, as applicable.

Samples generated in the field were appropriately preserved, placed on ice and stored at approximately 4°C immediately upon collection, and shipped to the laboratory in accordance with standard chain-of-custody procedures. Field personnel collecting the samples were responsible for the custody of the samples until transportation to the laboratory. All samples were recorded on the chain-of-custody forms. Sample transfer requires the individuals relinquishing and receiving the samples to sign, date, and note the time of transfer on the chain-of-custody forms. Chain-of-custody records and laboratory analytical reports are included in Appendix B. Results of the QA/QC sample analyses are included with the laboratory analytical reports. The data generated by analysis of these samples was used to evaluate the quality of both field and laboratory procedures.

## 2.6 Decontamination and Investigation-Derived Waste

Field equipment, such as non-dedicated sampling or down-hole measurement equipment, was decontaminated between each sampling location following the procedures outlined in the QAPP. Purge water generated during the sampling event was placed into Department of Transportation (DOT)-approved 55-gallon steel drums and stored in a satellite storage location. Groundwater in satellite storage locations is transferred to a 90-day storage location when a given satellite storage drum is full. Each drum was clearly labeled with the contents and date, as required for proper storage. Groundwater analytical results are evaluated to characterize the purge water for transportation and disposal by a licensed waste hauler. The number of drums, estimated volume of purge water, and analytical results for purposes of disposal are recorded.

## 2.7 Health and Safety

All field activities were conducted in accordance with a site-specific Health and Safety Plan (HASP), which was developed to be consistent with Occupational Safety and Health Administration (OSHA) requirements.



## Section 3

# Monitoring Results

CY 2014 monitoring events included annual post-closure groundwater monitoring for the EQ Lagoon and semi-annual monitoring of the PRB monitoring wells, and surface water and sediment. Table 1-1 identifies the monitoring wells sampled as part of the 2014 sampling events and lists the target analytical parameters associated with each well.

The following sections discuss the results of the monitoring events. Complete laboratory analytical reports are included in Appendix B.

### 3.1 Groundwater Flow

The water level elevations measured for each of the monitoring wells during CY 2014, along with the historical groundwater elevations, are listed in Table 3-1. The measurements were used to evaluate the potentiometric surface of the water table aquifer to estimate groundwater flow direction and gradient. Figures 3-1 and 3-2 are potentiometric surface maps for the Shallow Zone of the Upper Aquifer that were prepared based on water level measurements obtained in the spring and fall of 2014, respectively. Figures 3-3 and 3-4 are potentiometric surface maps for the Deep Zone of the Upper Aquifer that were prepared based on water level measurements obtained in the spring and fall of 2014, respectively. The groundwater flow direction in both zones of the Upper Aquifer was determined to be to the west toward Riverdale Creek, which is consistent with past characterization of groundwater flow direction.

To estimate the rate of groundwater flow it is necessary to use site-specific estimates for hydraulic conductivity, gradient and effective porosity. Hydraulic conductivity estimates used in the calculations were derived from two sources, as described below. Gradient estimates were obtained by dividing the site into two general areas based on the potentiometric maps, also as described below.

#### 3.1.1 Groundwater Flow Velocity Data

The hydraulic conductivity of the Shallow Zone of the Upper Aquifer was obtained from two data sources. For the area west of Highway 332, the pumping test performed for the RI provides the best estimate of hydraulic conductivity. The geometric mean hydraulic conductivity estimates from the three shallow wells used for the pumping test is 43.1 feet/day, and this is the value used for hydraulic conductivity for the Shallow Zone on the west side of Highway 332.

Very useful hydraulic conductivity estimates were recently obtained with a Geoprobe® MiHPT® probe for locations near the facility and in the Moose Lodge Road Area. Hydraulic conductivity estimates for 33 borings in the Shallow Zone and 22 boring in the Deep Zone were averaged and used to represent the hydraulic conductivity of the Shallow Zone east of Highway 332 (52.9 feet/day) and the Deep Zone (61.1 feet/day) throughout the site. The methods for obtaining the hydraulic conductivity estimates with MiHPT® probe and the results of the work will be described in the final report for the Moose Lodge Road Area investigation, which was conducted pursuant to a work plan approved by MDEQ.

The gradient was determined from the potentiometric maps for the spring and fall sampling events for the shallow and deep zones. The site was divided into two general areas, based on the relatively low gradient observed east of Highway 332 and the steeper gradient observed west of Highway 332. This general division into two zones was appropriate for both the spring and fall sampling events and for both the deep and shallow zones. On the east side of Highway 332, the Shallow Zone gradient ranged from 0.00114 (ft/ft) to 0.00147 (ft/ft) and the Deep Zone ranged from 0.00122 (ft/ft) to 0.00238 (ft/ft) for



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the two 2014 events. On the west side of Highway 332, the Shallow Zone gradient ranged from 0.00435 (ft/ft) to 0.00472 (ft/ft) and the Deep Zone gradient ranged from 0.00350 to 0.00357 for the two 2014 events.

An effective porosity of 0.25 (ft/ft or unitless) was used in all calculations. Effective porosity is not typically measured in-situ and a value of 0.25 is an acceptable estimate for this parameter, based on the composition of the deep and shallow zones of the Upper Aquifer at this site.

### 3.1.2 Groundwater Flow Velocity Calculation

Groundwater flow velocity is calculated using the following formula:

$$v = Ki/n_e$$

where:  $v$  = groundwater flow velocity

$K$  = hydraulic conductivity (ft/day)

$i$  = gradient (ft/ft or unitless)

$n_e$  = effective porosity

With this equation and the range of input parameters provided in Section 3.1.1, the calculated Shallow Zone flow velocity ranged from 0.24 ft/day to 0.31 ft/day on the east side of Highway 332 and from 0.75 ft/day to 0.81 ft/day on the west side. The Deep Zone flow velocity ranged from 0.30 ft/day to 0.58 ft/day on the east side of Highway 332 and from 0.86 ft/day to 0.87 ft/day on the west side of Highway 332. The flow velocity ranges calculated for 2014 are consistent with ranges calculated in the past and are within the ranges determined using groundwater flow modeling for the site.

## 3.2 Groundwater Quality

The analytical results from the CY 2014 sampling events are summarized in Tables 3-2, 3-3 and 3-4 for VOCs, SVOCs and metals, respectively. Historical data are also included in the tables for reference. Concentrations in Tables 3-2 through 3-4 that exceeded the EPA Maximum Contaminant Level (MCL) are shaded. The analytical data presented in Tables 3-2 and 3-4 were used to generate concentration trend graphs for select constituents. These trend graphs are included in Appendix C. The constituents graphed included TCE, cis-1,2-dichloroethene (cDCE), vinyl chloride (VC), toluene, arsenic and total chromium. For purposes of the concentration trend graphs, non-detected constituents were represented by the detection limit.

The micro-molar ( $\mu\text{M}$ ) concentration of the three CVOCs detected in groundwater at the site (TCE, cDCE and VC) were combined and plots of the total  $\mu\text{M}$  concentration were completed for each well. Trends were evaluate based on both the  $\mu\text{M}$  and  $\text{ug/L}$  plots. Plots of combined  $\mu\text{M}$  concentrations over time are also included in Appendix C.

Field-measured parameters are summarized in Table 3-4 along with the metal results. The spring and fall 2014 analytical results for TCE, cDCE, and vinyl chloride are shown on Figures 3-5 and 3-6 for the Shallow and Deep Zones of the Upper Aquifer, respectively. The combined total chlorinated VOC concentration contours for these three VOCs, plus total chromium, are presented for both the shallow and deep wells in Figures 3-7 through 3-10.

The groundwater quality is discussed below for the CY 2014 data.

### 3.2.1 Corrective Measures Monitoring Results

The spring sampling event in 2014 served as the biennial sampling event for the monitoring program. A total of 38 wells were sampled for this event. The fall, semi-annual sampling event included 18 monitoring wells as specified in Table 1-1. The wells associated with the PRB included nine wells



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screened within the Shallow Zone of the Upper Aquifer and nine wells screened in the Deep Zone of the Upper Aquifer. All well samples were analyzed for VOCs and metals. The purpose of the monitoring program is to evaluate the effectiveness of the PRB and to periodically track the parameter concentrations within the core of the plume and at the boundary of the plume. A comparison of CY 2014 monitoring results to historical monitoring results for VOCs and metals is provided below.

### 3.2.1.1 Volatile Organic Compounds

The analytical data provided in Table 3-2, on Figures 3-5 through 3-8, and in plots in Appendix C are discussed in this Section. The wells are divided into the following groups for purpose of discussion: (1) Plume core wells, (2) Plume core wells near the edges of the PRB, (3) Wells in the PRB, and (4) Wells downgradient of the PRB.

#### Plume Core Wells

The plume core wells are located in or near source areas and in locations downgradient of source areas to the location of the PRB. Wells that would otherwise fall into this group, but are located near the north or south ends of the PRB are discussed separately below. This group of wells includes a total of 17 monitoring wells. The full history of sampling results was evaluated for each well. Monitoring wells MW-1 through MW-16 have been sampled since 1991 (MW-1 through MW-16). Wells MW-17 through MW-25 have been sampled since the RI in 1993. The remaining monitoring wells in this group were installed prior to the construction of the PRB in 2003.

Of the 17 wells in this group (plume core wells), 13 are trending toward lower concentrations over time. The reduction in concentration from historical peak total CVOC concentration (uM) to the current concentration varies among the wells in this group, and can be categorized as follows:

- Wells MW-1 and MW-16 have declined in concentration by a factor greater than 40 times (from the peak concentration).
- Wells MW-3, MW-6, MW-15 and RT-5 have declined by a factor of 10 to 40 times (from peak concentrations).
- Wells MW-4, MW-5, MW-17, MW-25, MW-46, RT-2 and RT-3 have declined by a factor of 2 to 10 times (from peak concentrations).

Three monitoring wells, MW-23, MW-45 and RT-4, do not appear to have an increasing or decreasing trend at this time. These wells are likely located close to the edge of a higher concentration groundwater zone and are variably inside or on outside of the zone as groundwater flow patterns change seasonally and due to larger or longer term gradient and flow patterns at the site.

One monitoring well in this group, MW-10, has an increasing concentration trend over time. The overall CVOC concentrations in MW-10 are not large, but this well had very low total CVOC uM concentration prior to the installation of the PRB (0.1 uM) and the CVOC concentration has increased over time to 0.8 uM in the most recent sampling event. MW-10 is located near the PRB and it is likely that the groundwater flow direction at the location of this well changed when the PRB was installed. The uM CVOC concentration at MW-10 is relatively low in comparison to most other plume core wells.

Source areas associated with specific monitoring wells are discussed in greater detail in Appendix E of the 2012 Annual Report (the Supplemental Report). The CSM presented in that document is being updated at this time and specific aspects of plume source areas and configurations will be presented in greater detail in that report. In this Annual Report, it is sufficient to indicate that most plume core wells have declined significantly in concentration and this trend appears to be continuing. The declines are due to source area clean-up activities completed in the past and to continued declines in source material present in locations that still contribute CVOCs to groundwater.



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### Plume Core Wells near the Edges of the PRB

This group of wells is discussed separately from the main group of plume core wells due to the known effects that are occurring in the groundwater system at this time. As discussed in Appendix E to the 2012 Annual Report, the PRB began to show hydraulic anomalies within a few years of installation and an overall reduction in the permeability of the front face of the PRB has been observed and documented (T&M, 2014). One of the effects of the decreased permeability is that groundwater is being diverted, to some extent, toward the north and south edges of the PRB. As this occurs, monitoring wells that were not previously in the pathway of impacted groundwater and/or were not in the more concentrated core of the plume have started to show increasing trends in CVOC concentrations. In fact, all wells in this group are either showing increases in CVOC concentrations over time or are showing fluctuations in concentration at this time.

This group consists of the following monitoring wells: MW-51, MW-52, MW-53, MW-54, MW-55, MW-56 MW-57, MW-58 and MW-59. All of these wells are exhibiting an increasing trend in uM CVOC concentration, except MW-53 and MW-56, which show variable concentrations over time, but no clear upward or downward trend.

Additional discussion regarding these wells and proposed rejuvenation efforts for the PRB will be presented in the update to the 2012 Supplemental Report and corresponding updates to the CSM.

### Wells Completed in the PRB

Four monitoring wells were installed within the PRB, following construction. The wells include a shallow and deep well in the northern transect (MW-43 and MW-44) and a shallow and deep well in the southern transect (MW-50 and MW-49). The wells were installed approximately inside the PRB at the north and south transects to provide information regarding the treatment efficiency of the PRB. The expectation is that groundwater within the PRB would be partially treated and that these wells could be used to provide insight regarding the treatment process and effectiveness. Historical monitoring results for these wells are discussed below. Plots of individual CVOC concentrations and total CVOC concentration are included in Appendix C.

Well MW-43 is the shallow in-wall well in the northern transect. This well has historically shown low level CVOCs, indicating near complete treatment of the relatively high concentration shallow zone groundwater entering the PRB at this location. However, CVOC concentrations in groundwater at this well began to rise in 2012, reaching a peak concentration of 12 uM (total CVOC concentration) in the spring of 2014. The fall 2014 sample showed a decline from this peak with a total CVOC concentration of less than 6 uM. The reason for the increase in CVOC concentration at MW-43 beginning in 2012 is unclear at this time, but a similar pattern of increase and decline was observed earlier in Well MW-44 as discussed below.

Well MW-44 is the deep in-wall well in the northern transect. The first two monitoring events following installation showed relatively low CVOC impact, indicating good treatment of CVOCs within the PRB. CVOC concentrations entering the PRB at this location were expected to be in the range of 100 to 150 uM based on the upgradient well MW-46, and the low CVOC concentration at MW-44 indicated effective treatment by the PRB. In 2006, the CVOC concentration increased to approximately 40 uM and then declined back to very low levels by 2008. The concentrations then remained low through 2013 and showed a smaller peak to about 5 uM in 2014. The CVOC concentration appears to be declining again with the last sample taken in 2014.

Full treatment to MCLs is not expected for these in-wall wells, given that they are located only about one-half the distance across the PRB. The CVOC concentration entering the PRB at this transect is expected to be in the range of 200 to 300 uM in the shallow zone (based on MW-45) and 100 uM in the deep zone (based on MW-46). Given that the wells are about one-half the distance across the PRB and that



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the concentration spikes are relatively small, these small spikes are not of great concern. Groundwater entering the PRB at the northern transect appears to be effectively treated by the PRB.

MW-50 is the shallow in-wall well in the southern transect. This well showed low CVOC concentrations from the time of installation through 2010. The concentration then increased through 2011 to a peak concentration in the spring of 2012 of about 57  $\mu\text{M}$  before declining back to low levels through the most recent monitoring event in 2014. This pattern of peaking and decline is similar to the pattern observed in MW-43 and MW-44.

MW-49 is the deep in-wall well in the southern transect. This well has shown low CVOC concentrations in the range of 5 to 20  $\mu\text{M}$  throughout its monitoring history. Lower CVOC concentrations were expected for this well, given the relatively low concentrations observed in upgradient wells in the southern transect (MW-52 had a total CVOC concentration in the range of 10  $\mu\text{M}$  at the time the PRB was installed). However, well MW-52 and other wells in the core of the plume toward the southern end of the PRB have shown higher concentrations of CVOCs than expected. It is not unexpected that MW-49 would also show higher than expected concentrations.

#### Wells Downgradient of the PRB

Three monitoring well pairs are located between the PRB and Riverdale Creek. The well pairs include MW-14 and MW-57 (shallow and deep wells near the confluence of the site drainage ditch and Riverdale Creek), MW-41 and MW-42 (shallow and deep wells in the northern transect of the PRB) and MW-47 and 48 (shallow and deep wells in the southern transect of the PRB). Historical trends and current CVOC concentrations for these wells are discussed below.

MW-14 is a shallow monitoring well located near the confluence of the site drainage ditch and Riverdale Creek. This well has had erratic trends in concentration before and after the PRB was installed. It has ranged in concentration from at or near detection limits to approximately 60  $\mu\text{M}$  through its history and there is no apparent concentration trend for the well. After the PRB was installed in 2004/2005 the total CVOC concentration declined to very low levels in late 2005 through early 2007. It is likely that this initial decline was due to enhanced reductive dechlorination (ERD) occurring in the aquifer downgradient of the PRB that resulted from electron donor release after the guar gum was broken down to simple sugars (during installation of the PRB). Since 2007, the CVOC concentration has ranged from low level to as high as 60  $\mu\text{M}$ . Since late 2010, the concentration has remained within the smaller range of 3 to 20  $\mu\text{M}$ .

MW-57 was installed as the deep companion well adjacent to MW-14 in 2012. The CVOC concentration in MW-57 has varied within the range of 0.5 to 2.0  $\mu\text{M}$ , with no apparent trend. This relatively low CVOC concentration is expected for this location downgradient of the PRB.

MW-41 is the shallow well downgradient of the PRB in the north transect. The CVOC concentration in this well was 200  $\mu\text{M}$  at the time of installation in 2003. The CVOC concentration declined following installation of the PRB to relatively low levels from 2006 through 2010. The initial, rapid decline in CVOC concentration at this well is likely due to ERD following the installation of the PRB, but the continued low level of CVOCs through 2010 is likely a result of normal PRB functioning. As the permeability of the front face of the PRB declined in the period from 2008 to 2010, the normal flow pattern through the PRB was likely disrupted. Over time, more groundwater probably needed to flow through a smaller portion of the front face, resulting in less complete treatment by the PRB. The range of CVOC concentrations between low levels and approximately 100  $\mu\text{M}$ , is indicative of less than complete treatment of groundwater by the PRB as the permeability of the front face declined. While the most recent CVOC concentration for the fall of 2014 was relatively low (<10  $\mu\text{M}$ ), it is expected that variable CVOC concentrations will continue in this well until PRB rejuvenation activities are complete.

MW-42 is the deep well downgradient of the PRB at the northern transect. The initial CVOC concentration at MW-42 (prior to the installation of the PRB) was approximately 300  $\mu\text{M}$ . The CVOC



---

concentration in this well declined steeply following installation of the PRB to very low levels in the fall of 2006. The CVOC concentration has remained low to the present, indicating that the PRB has provided good treatment of groundwater in the deep zone at the northern transect.

MW-47 is the shallow monitoring well downgradient of the PRB at the southern transect. This well had low CVOC concentrations when it was installed in 2003 (<0.1 uM) and the CVOC concentration remained low in this well through 2012. A spike in concentration was observed in 2013 to 1.9 uM, with a decline to the range of 0.4 to 0.6 uM since that time. While this well has shown an increase in CVOC concentration in recent sampling events, the overall CVOC concentration for this well remains low.

MW-48 is the deep monitoring well downgradient of the PRB at the southern transect. When installed in 2003, groundwater at this location had a total CVOC concentration in the range of 8 uM. The concentration at MW-48 declined to very low levels after the PRB was installed. This initial and rapid decline was likely due to the ERD effects from the guar gum breakdown products. Since 2006 the CVOC concentration at this well has varied considerably, with peak concentrations as high as 100 uM. The increased CVOC concentration at this well is likely due to the diversion of groundwater with higher CVOC concentration from the north central area of the PRB toward the southern transect. This trend has been observed in the wells upgradient of the PRB in the southern transect and near the south side of the PRB.

### 3.2.1.2 Metals

In general, the CY 2014 metals data are consistent with historical data with lower arsenic and total chromium results in 2014 in comparison to past years. This likely is attributed to the additional care taken in sampling events to achieve turbidity levels below 10 NTU. These efforts have included the installation and use of dedicated pumps in the wells sampled semiannually. There were no MCL exceedances for metals in any well within the PRB or downgradient of the PRB during the 2014 sampling events except for low level detections of arsenic in MW-48 in both the spring and fall sampling events. However, well MW-48 is downgradient of the PRB and in a reducing aquifer environment, which can be conducive to the mobilization of arsenic from aquifer soils. Arsenic has not been detected in Riverdale Creek above MCLs or relevant surface water aquatic life criteria since the installation of the PRB.

Total chromium was detected above its MCL at well MW-45. This well is upgradient of the PRB and is located near the area of the former on-site landfill. The total chromium detections at this well likely are due to the presence of hexavalent chromium in localized groundwater in the vicinity of the well. Hexavalent chromium does not appear to form significant plumes at this site due to the reducing conditions in groundwater and the likelihood that it is reduced to chromium III in a relatively short distance of travel in the aquifer. Chromium III is nearly insoluble in groundwater and does not contribute to plume formation. It should be noted that hexavalent chrome also would be treated by the PRB should it travel that far in groundwater.

## 3.3 QA/QC Results

Table 3-5 summarizes the results of the QA/QC sample data collected for the VOC and metals samples during the CY 2014 sampling events. The following represent the performance criteria excursions from the spring sampling event:

- The Equipment Blank, EB-501-2014-S, had a detection of Chromium at 9.8 ug/L. Sample MW-23-2014-S was the only sample associated with this equipment blank that had a detection of Chromium at 32 ug/L. Since the sample result is less than five times the blank result, Chromium in MW-23-2014-S was qualified as nondetect at 32 ug/L for this sample based on the blank contamination evaluation.



- The SVOC, bis-(2-Ethylhexyl) phthalate was detected in the SVOC method blank. Samples RT-4-2014-S and RT-5-2014-S were qualified as nondetect based on this compound in the associated method blank.
- All field duplicates had RPDs that were below 50% except for Chromium and Lead in SD-4-2014-S. The RPD for Lead and Chromium in SD-04-2014-S and its field duplicate was 51% and 95%, respectively. All sediment sample results for Lead and Chromium were qualified as estimated (J) based on the overall precision evaluation, showing low RPDs.
- Samples MW-59-2014-S, MW-58-2014-S, MW-47-2014-S, MW-11-2014-S, and MW-7-2014-S for Hexavalent Chromium were reported by the laboratory with an “H” qualifier. Due to delivery issues, these samples were analyzed less than two hours beyond the hold time. Given that the samples were analyzed well within two times the standard hold time, the “H” qualifier was removed and replaced with a “UJ” qualifier indicating that the results are qualified as non-detect, but the quantitation limits are estimated due to the holding time exceedances.
- The MS/MSD recoveries and RPDs were within the laboratory established control limits and no qualification was required with the exception of samples RT-5-2014-S and MW-12-2014-S for Hexavalent Chromium analysis which were qualified with a “UJ”.

The following represent the performance criteria excursions from the fall sampling event:

- Samples SW-17-2014-F, SW-9-2014-F, SW-19-2014-F, and SW-22-2014-F for Hexavalent Chromium were reported by the laboratory with an “H” qualifier. Due to weather related delivery issues these samples were analyzed less than two hours beyond hold time. Given that the samples were analyzed within the two times the standard holding time, the “H” qualifier was removed and replaced with a “UJ” qualifier indicating that the results are qualified as non-detect, but the quantitation limits are estimated due to the holding time exceedances.
- Even though the MS/MSD recoveries for MW-55-2014-F were within the laboratories control limits (58% and 48%, respectively), the recoveries were less than 75% as required by the QAPP. Based on the professional judgment of the reviewer, the Hexavalent Chromium in all groundwater samples were qualified as estimated (J or UJ).

Based on the quality assurance review, the data reported from Test America for the CY2014 sampling events were considered to be valid for their intended use with minor qualifications despite the performance criteria excursions noted above.

## 3.4 Surface Water Results

The surface water sample analytical results from monitoring events conducted in CY 2014, as well as historical data, are summarized in Tables 3-6 and 3-7. The results are presented in order from upstream to downstream sample locations (Figure 2-2). The analytical data for VOCs are presented in Table 3-6 and the analytical data for metals are presented in Table 3-7. The full laboratory report for the surface water sampling event is included in Appendix B.

### 3.4.1 VOCs

The Surface water VOC data are presented in Table 3-6, along with historical data. The TCE and cDCE concentrations in river water from locations at the PRB and downgradient of the PRB declined significantly after the installation of the PRB in 2004/2005. This result has occurred at all locations sampled except the upstream location, which has remained at or below detection limits throughout its sampling history. Detections of cDCE above the MCL did not occur at any surface water sampling location for the two 2014 sampling events. VC was not detected above the MCL at the first sampling location downgradient of the PRB (SW-12) in either sampling event of 2014. TCE was detected slightly above the MCL for the fall sampling event but below the MCL for the spring event at this location, TCE



---

and VC were detected slightly above MCLs for the 2014 sampling events at the second location downgradient of the PRB (SW-19) for both 2014 sampling events. TCE and VC were also detected slightly above the MCL for both sampling events for the two downstream locations, SW-9 and SW-17. At the furthest downgradient location (SW-17), both TCE and VC exceeded MCLs by a narrow margin. At all sampling locations, no other compounds exceeded their respective MCLs for the two sampling events in 2014.

While TCE and VC were detected at or somewhat above their respective MCLs at some locations downgradient and downstream of the PRB, the detections of these compounds were much lower than detections observed at the time of the RI and prior to the installation of the PRB. It is apparent that the PRB has greatly reduced the concentrations of CVOCs in Riverdale Creek and the CVOC concentrations appear to be holding steady or trending downward since the PRB was installed.

### 3.4.2 Metals

Surface water metals data are presented in Table 3-7, along with historical data. There were no detections for arsenic, total chromium, hexavalent chromium, or lead in surface water during CY 2014.

As shown in Table 3-7, MDEQ provides aquatic life criteria and human health criteria for three of the four metals monitored in surface water at the site. These criteria are available for arsenic, hexavalent chromium, and lead. MDEQ has issued levels for trivalent chromium in surface water; however, since the surface water samples are not analyzed directly for trivalent chromium, those criteria are not included in Table 3-7. There were no surface water criteria exceedances observed in the CY 2014 sampling events.

## 3.5 Sediment Sampling Results

The sediment analytical results from the spring 2014 sampling event and the previous sampling events are summarized in Tables 3-8 and 3-9. The results are presented in order from upstream to downstream sample locations (Figure 2-2). Table 3-8 presents the VOC data and Table 3-9 presents the data for metals. Figure 2-2 shows the locations of the sediment samples. The laboratory analytical report for sediment samples is included in Appendix B. A comparison of CY 2014 monitoring results to historical monitoring results is presented below.

### 3.5.1 VOCs

Sediment VOC data are presented in Table 3-8, along with historical data. There were no VOC detections in sediment samples for 2014 except for TCE that was detected at SD-12. Historically, TCE, cDCE, and VC have been detected at these sampling locations. .

### 3.5.2 Metals

Sediment metals data are presented in Table 3-9, along with historical data. Metal concentrations in sediment samples for all locations, other than the downgradient location SD-17, are lower than the concentrations for the baseline sampling event completed in 2003 prior to the installation of the PRB.

## 3.6 LNAPL Recovery

During the spring and fall 2014 monitoring events, each of the RC wells were gauged for the presence of LNAPL. LNAPL was recovered from RC wells that indicated a measurable LNAPL thickness (RC-2 and RC-4 for the 2014 recovery events). A summary of the CY 2014 recovery efforts, as well as historical thickness and recovery data, is provided in Table 3-10. Approximately 4.7 gallons of LNAPL were collected from RC-2 and RC-4 in CY 2014 (2.92 gallons and 1.79 gallons, respectively).



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### 3.7 Monitoring Program Update

The Groundwater Monitoring Program Optimization Report, submitted by Brown and Caldwell in 2008, indicated that the PRB and EQ Lagoon Post-Closure Monitoring Programs should be re-evaluated periodically to ensure that they continue to meet the objectives of the sampling program and that the monitoring program remains effective. The current sampling protocol was evaluated during the fall 2012 sampling event and changes were made to the sampling program. Wells that are sampled semi-annually were converted to low-flow sampling using dedicated bladder pumps. Wells sampled annually, biennially and quadrennially continue to be sampled with three-volume purging, but the purging and sampling are completed with disposable bailers, rather than a combination of peristaltic pumping and bailing. Low-flow sampling, sampling following three-volume purging and the use of bailing for purging and sampling are all procedures included in the existing QAPP.



## Section 4

# Summary of Findings

Based upon the results of the CY 2014 corrective measures and post-closure monitoring of the facility, the following summary of findings is provided:

- The groundwater flow direction at the site, in both the Shallow and Deep Zones of the Upper Aquifer, is to the west toward Riverdale Creek. The flow direction and gradients have been consistent over time.
- The VOC groundwater plumes in the Shallow and Deep Zones of the Upper Aquifer extend from the source area immediately east of the main manufacturing building to the PRB, with lower concentrations observed downgradient of the PRB. Concentrations in the Deep Zone are generally lower than in the Shallow Zone.
- Total CVOC concentration in groundwater within the core of the plume continued a declining trend in 2014 for most monitoring wells. However, monitoring wells upgradient of the PRB near the south end (and to a lesser extent at the north edge of the PRB) are showing general increasing trends in total CVOC concentration due to changes in groundwater flow patterns at the site. Current rejuvenation work for the PRB is expected to result in a reversal in this trend.
- The PRB remained effective at reducing CVOC concentrations in Riverdale Creek in 2014, with no detections of cDCE above MCLs; detections of TCE and VC were close to their respective MCLs.
- Surface water concentrations of the CVOCs have declined significantly since the installation of the PRB and concentrations presently appear to be trending downward.
- Metals were not detected above MCLs or surface water criteria in Riverdale Creek.
- The only metal MCL exceedance in wells downgradient of the PRB was for arsenic. Arsenic is not detected in Riverdale Creek at concentrations above MCLs or aquatic life criteria. The measured arsenic concentration in groundwater downgradient of the PRB is consistent with previous years. Arsenic detection in groundwater likely is due to reducing conditions caused by the ZVI PRB.
- CVOC MCL exceedances occurred in all six wells downgradient of the PRB. The total CVOC concentrations (uM) were consistent with results from recent years. PRB rejuvenation currently underway is expected to improve performance, reducing the concentration of CVOCs in groundwater downgradient of the PRB and in Riverdale Creek.
- Approximately 4.71 gallons of LNAPL were recovered from the NAPL recovery wells in CY 2014.



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## Figures

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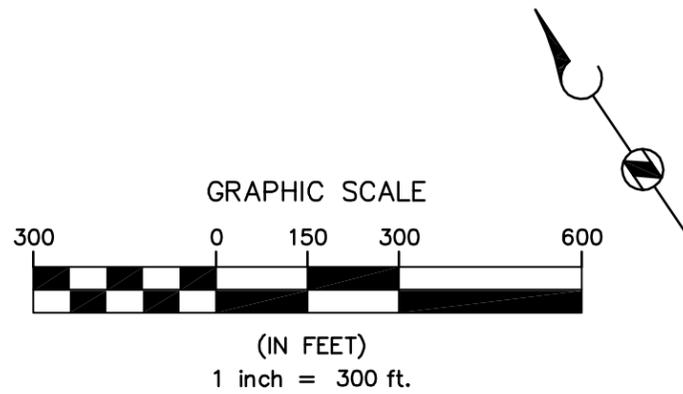
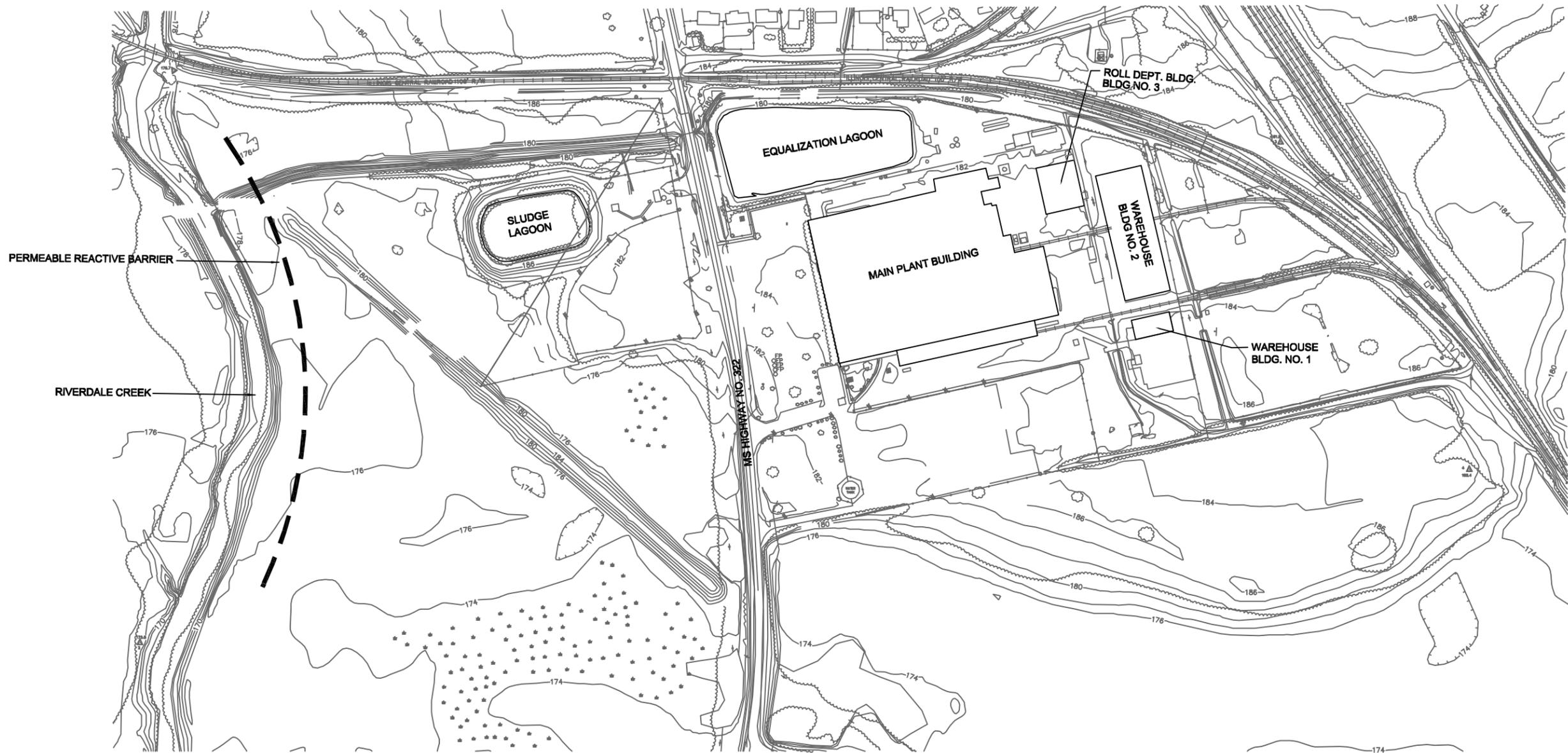


Grenada Manufacturing LLC Property

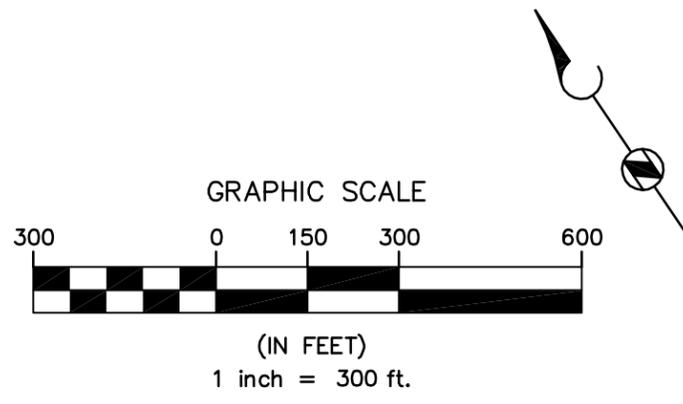
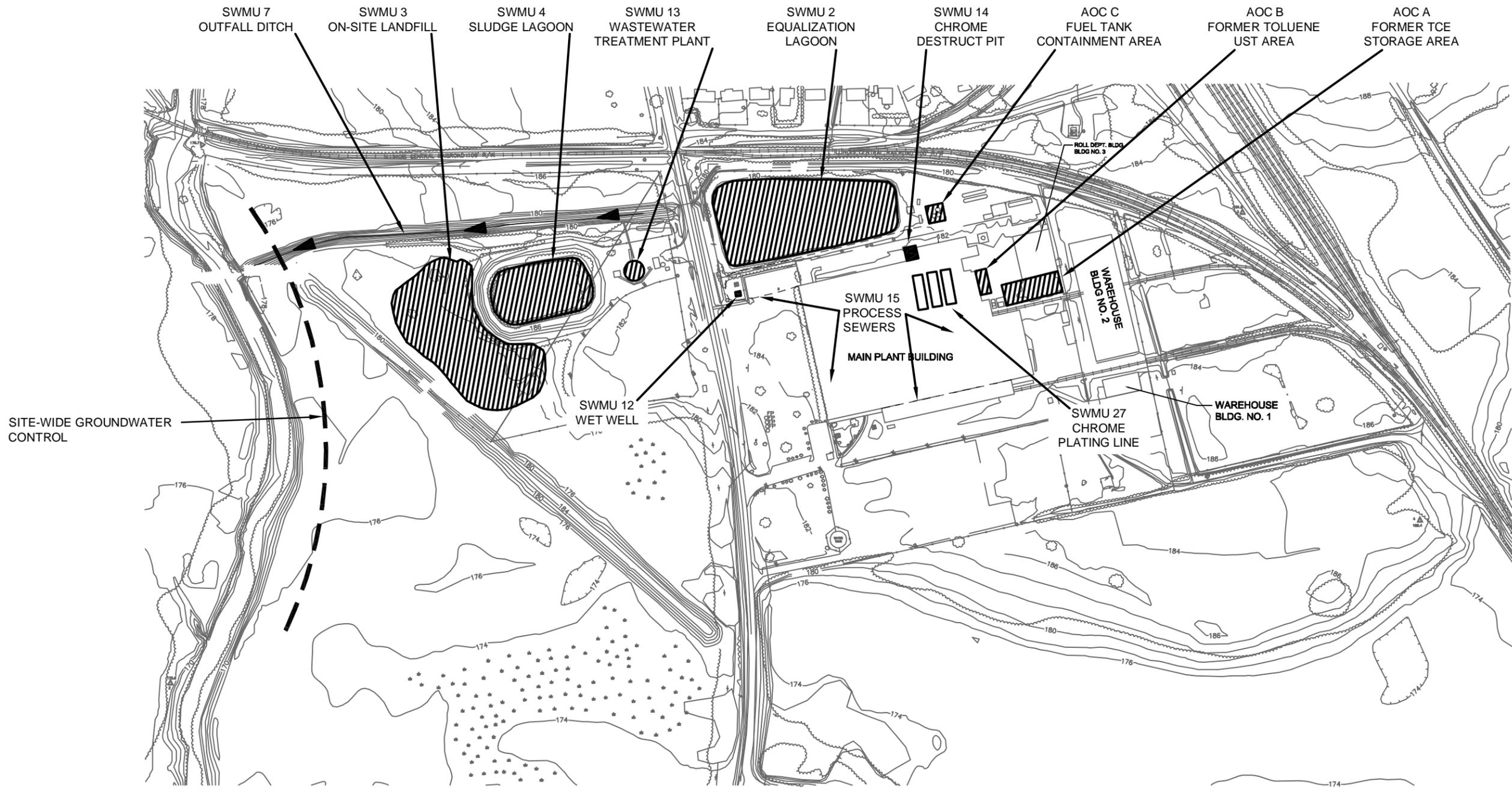
Figure 1-1  
**Site Location**

Grenada Manufacturing LLC Plant  
Grenada, Mississippi

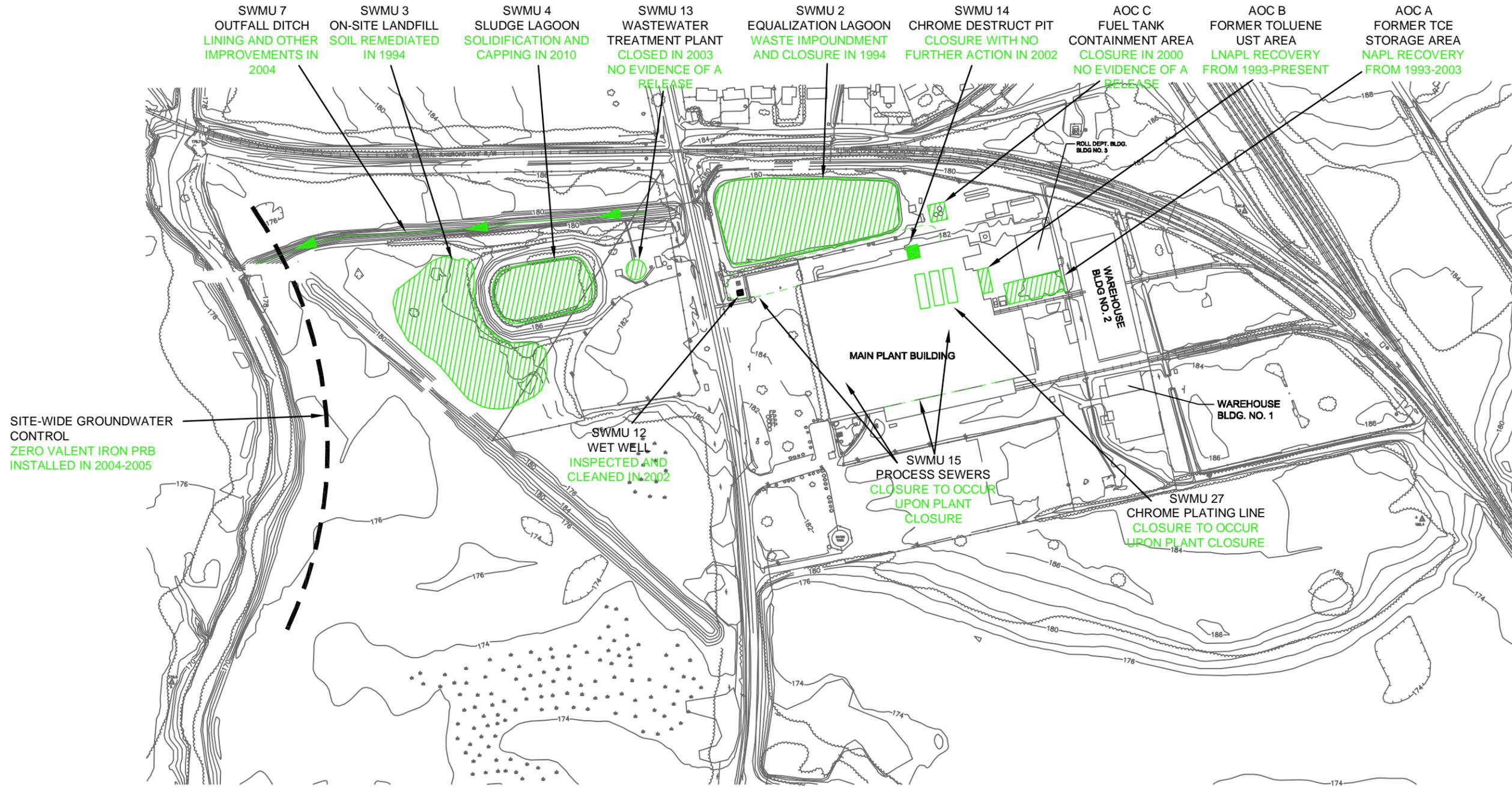
T&M Associates Columbus, Ohio



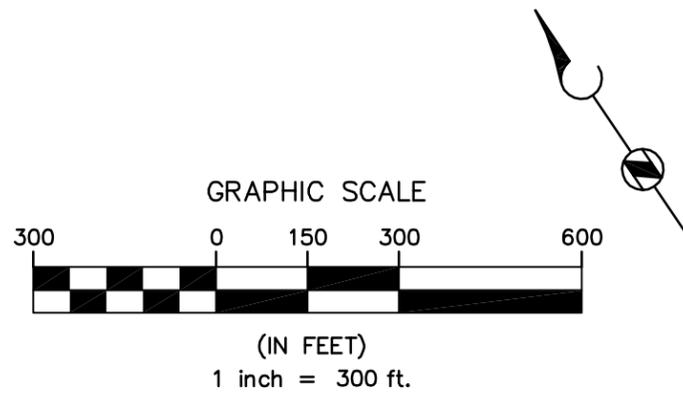
GRENADA, MISSISSIPPI			
SITE MAP			
<b>TM</b> <b>ASSOCIATES</b> 11 TINDALL ROAD MIDDLETOWN, NJ 07748 TEL 732-671-6400 FAX 732-671-7365	DESIGNED BY	DRAWN BY	CHECKED BY
	PROJECT NO. MERT00040	CADD FILE	FIELD BK. #
			FIGURE <b>1-2</b>



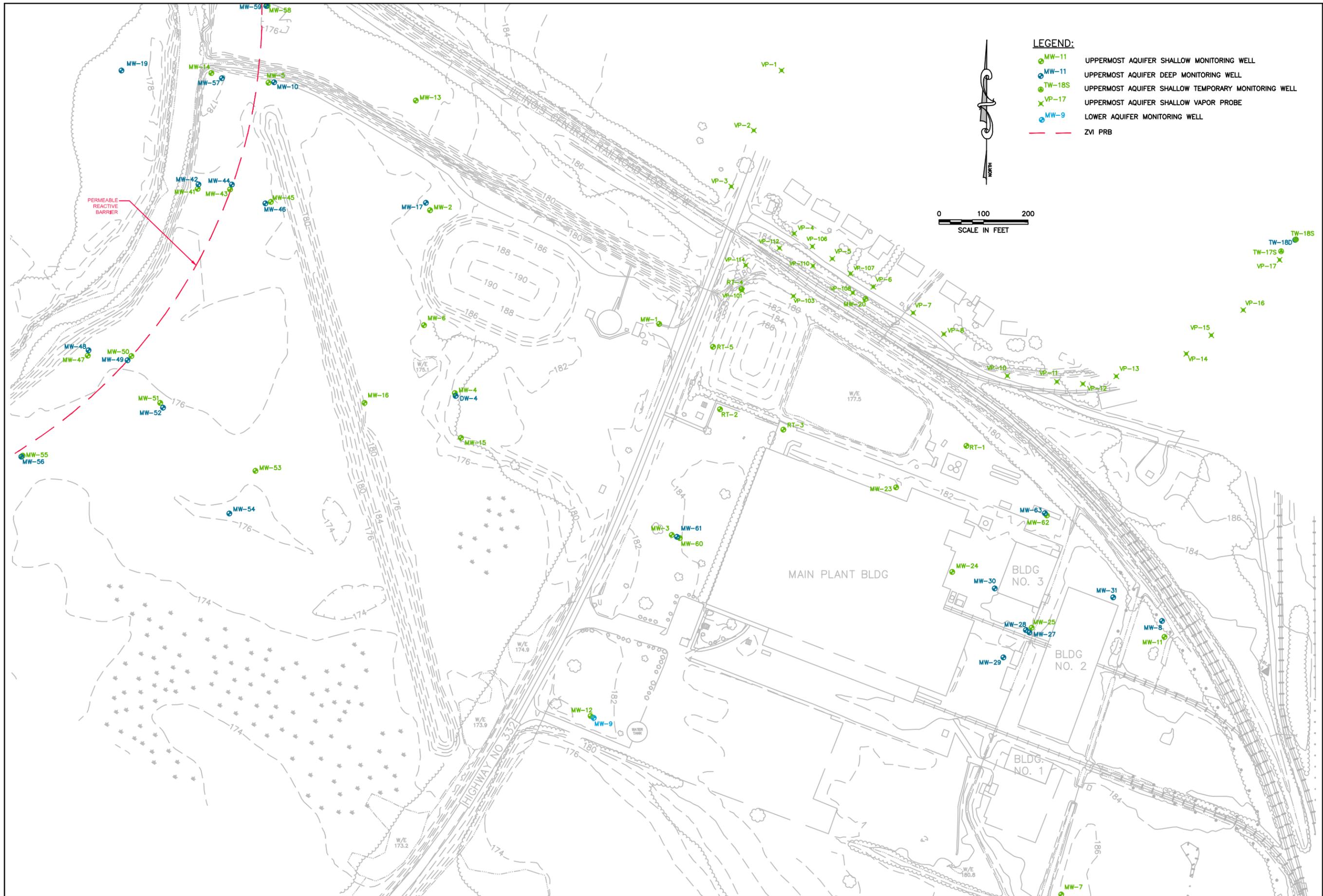
GRENADA, MISSISSIPPI			
<b>SITE AREAS OF CONCERN AND SOLID WASTE MANAGEMENT UNITS</b>			
 <b>TM ASSOCIATES</b> 11 TINDALL ROAD MIDDLETOWN, NJ 07748 TEL 732-671-6400 FAX 732-671-7365	DESIGNED BY	DRAWN BY	CHECKED BY
	PROJECT NO. MERT00040	WRW	FIELD BK. #
NEW JERSEY BOARD OF PROFESSIONAL ENGINEERS AND LAND SURVEYORS CERTIFICATE OF AUTHORIZATION 24GA27987500			FIGURE <b>1-3</b>



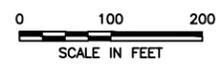
SITE-WIDE GROUNDWATER CONTROL  
ZERO VALENT IRON PRB  
INSTALLED IN 2004-2005



GRENADA, MISSISSIPPI			
SITE WORK AND REMEDIATION COMPLETED FOR AREAS OF CONCERN AND SOLID WASTE MANAGEMENT UNITS			
 <b>TM ASSOCIATES</b> 11 TINDALL ROAD MIDDLETOWN, NJ 07748 TEL 732-671-6400 FAX 732-671-7365	DESIGNED BY		CHECKED BY
	PROJECT NO. MERT00040		DRAWN BY WRW
			FIGURE <b>1-4</b>



- LEGEND:**
- MW-11 UPPERMOST AQUIFER SHALLOW MONITORING WELL
  - MW-11 UPPERMOST AQUIFER DEEP MONITORING WELL
  - TW-18S UPPERMOST AQUIFER SHALLOW TEMPORARY MONITORING WELL
  - ✕ VP-17 UPPERMOST AQUIFER SHALLOW VAPOR PROBE
  - MW-9 LOWER AQUIFER MONITORING WELL
  - ZVI PRB



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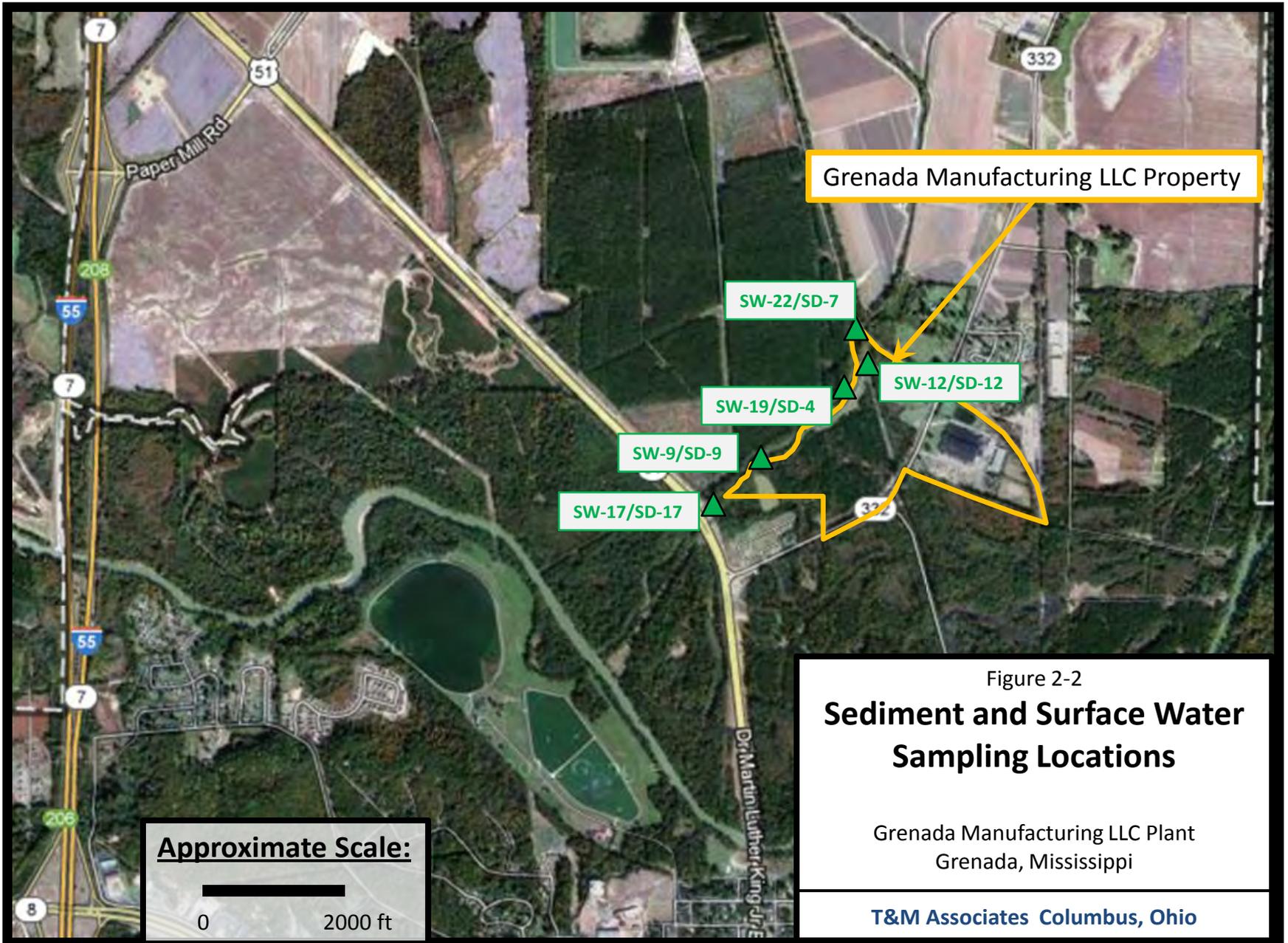
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**GRENADA MANUFACTURING, LLC PLANT**  
 GRENADA, MISSISSIPPI  
**GROUNDWATER SAMPLING LOCATIONS**

NO.	DATE	REVISIONS	BY	CHECKED

PROJECT NO.	DATE	12/24/13
SCALE	CADD FILE	
DESIGNED BY	DWG PATH	
CHECKED BY	DRAWN BY	BF

FIGURE  
2-1



Grenada Manufacturing LLC Property

SW-22/SD-7

SW-12/SD-12

SW-19/SD-4

SW-9/SD-9

SW-17/SD-17

**Approximate Scale:**

0 2000 ft

Figure 2-2  
**Sediment and Surface Water  
Sampling Locations**

Grenada Manufacturing LLC Plant  
Grenada, Mississippi

T&M Associates Columbus, Ohio



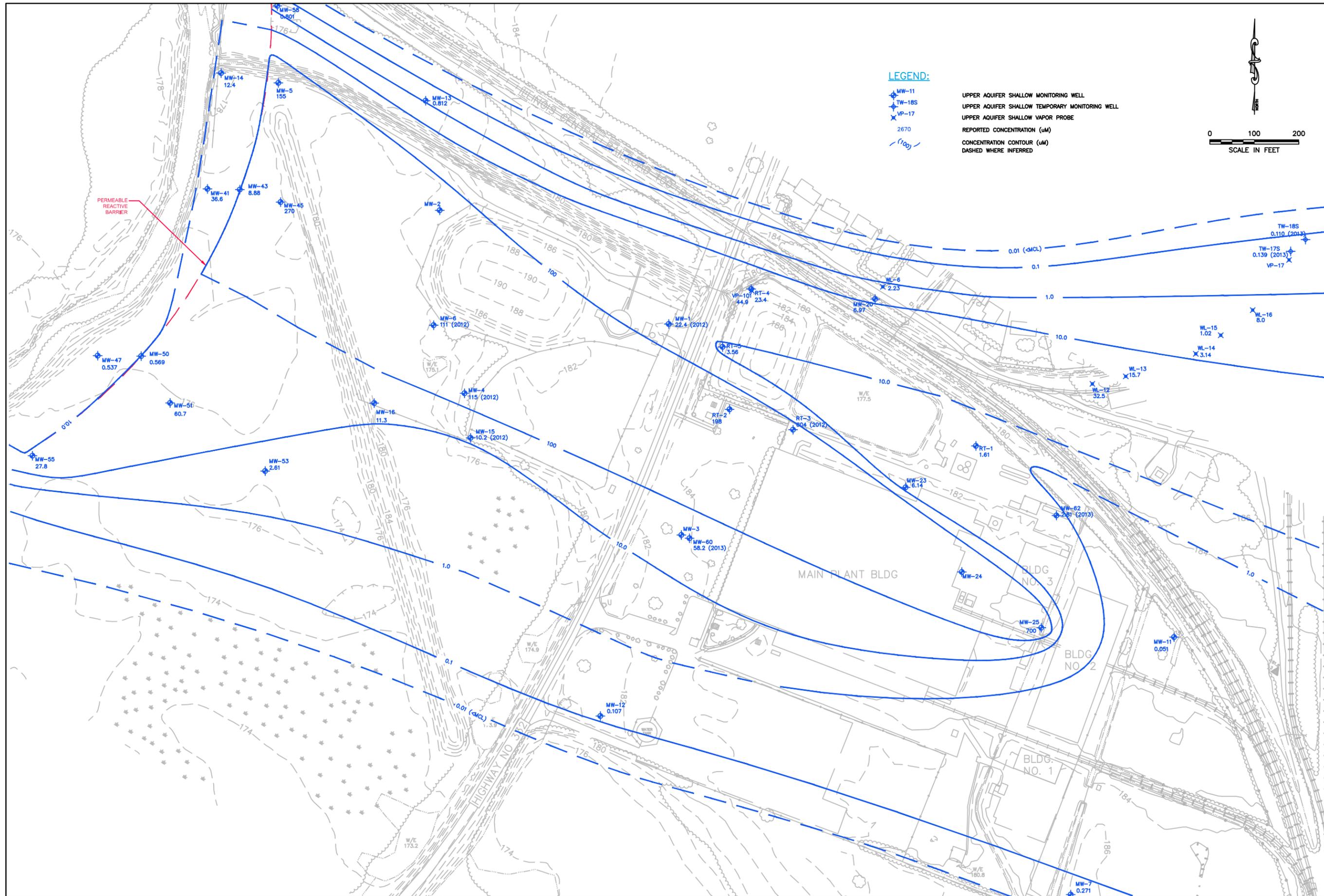












**LEGEND:**

- ◆ MW-11 UPPER AQUIFER SHALLOW MONITORING WELL
- ◆ TW-18S UPPER AQUIFER SHALLOW TEMPORARY MONITORING WELL
- ✕ VP-17 UPPER AQUIFER SHALLOW VAPOR PROBE
- 2670 REPORTED CONCENTRATION (µM)
- (100) CONCENTRATION CONTOUR (µM)
- - - DASHED WHERE INFERRED

  
 0 100 200  
 SCALE IN FEET

  
 4675 LAKEHURST COURT  
 SUITE 250  
 COLUMBUS, OHIO 43016  
 TEL. 614-339-3380  
 WWW.TAMASSOCIATES.COM

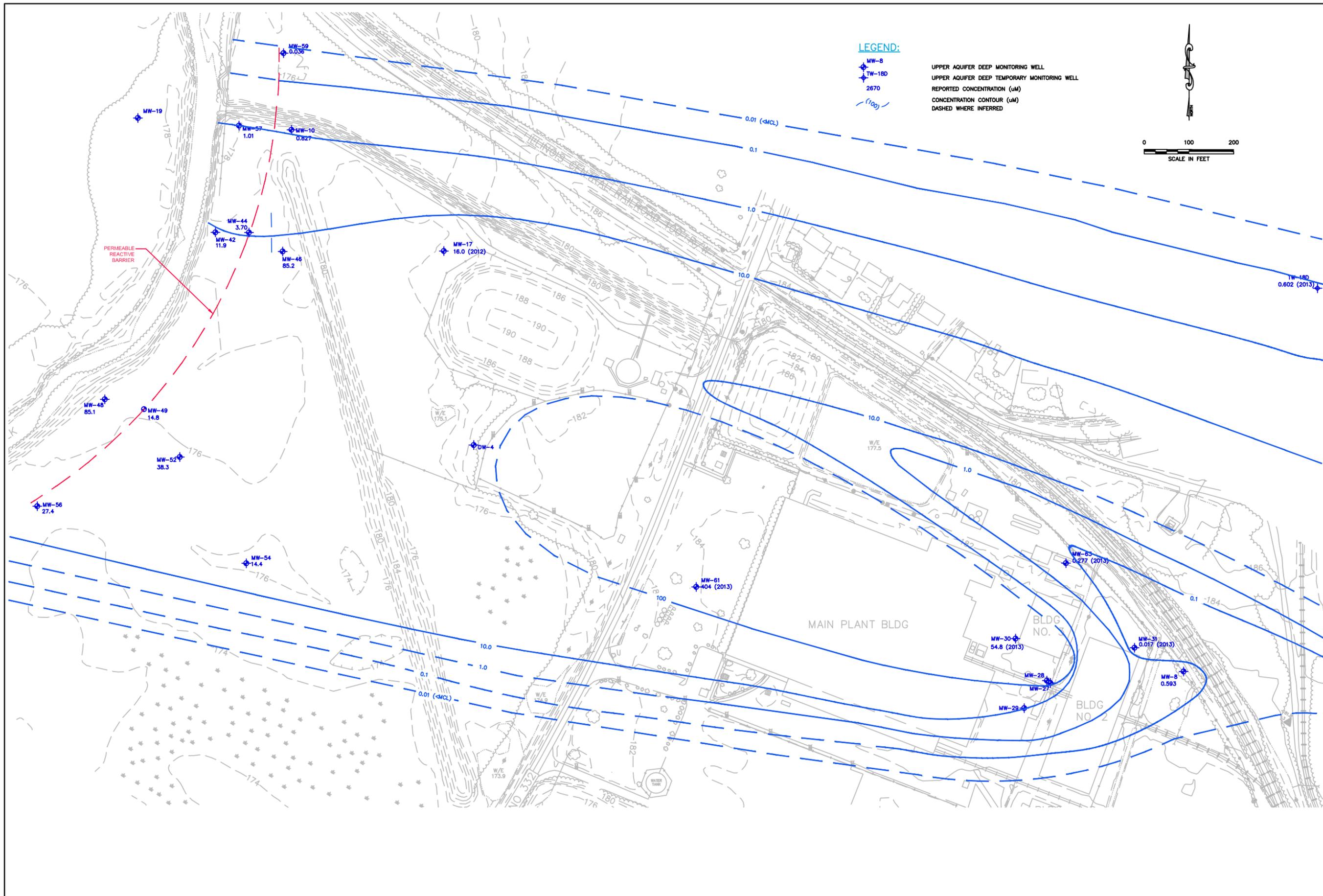
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**GRENADA MANUFACTURING, LLC PLANT**  
 GRENADA, MISSISSIPPI  
**TOTAL CHLORINATED VOC CONCENTRATIONS**  
**UPPER AQUIFER - SHALLOW ZONE WELLS**

NO.	DATE	REVISIONS	BY / CHECKED

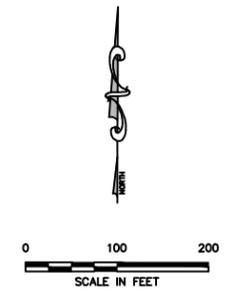
PROJECT NO.	DATE
SCALE	CADD FILE
DESIGNED BY	DWG PATH
CHECKED BY	DRAWN BY

FIGURE  
**3-7**



**LEGEND:**

- MW-8
  - TW-18D
  - 2670
  - (100)
- UPPER AQUIFER DEEP MONITORING WELL  
 UPPER AQUIFER DEEP TEMPORARY MONITORING WELL  
 REPORTED CONCENTRATION (µM)  
 CONCENTRATION CONTOUR (µM)  
 DASHED WHERE INFERRED



**TAM AND M**  
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**GRENADA MANUFACTURING, LLC PLANT**  
 GRENADA, MISSISSIPPI  
**TOTAL CHLORINATED VOC CONCENTRATIONS**  
 UPPER AQUIFER - DEEP ZONE WELLS

NO.	DATE	REVISIONS	BY	CHECKED

PROJECT NO.	DATE
SCALE	CADD FILE
DESIGNED BY	DWG PATH
CHECKED BY	DRAWN BY
JP	MO

FIGURE  
**3-8**





## Tables

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TABLE 1-1: Site-Wide Monitoring Locations and Schedule (Main Plant and PRB)

Matrix	Sample Location/ID	Monitoring Program(s)	Monitoring Frequency				Analyte List							
			Semi-Annual	Annual	Biennial	Quadriennial	VOCs*		SVOCs*	Metals				
							List 1	List 2		Pb	As	Cr	Hex-Cr	Se
Groundwater	MW-1	Corrective Measures				X	X		X	X	X	X		
	MW-3	Corrective Measures				X	X		X	X	X	X		
	MW-4	Corrective Measures				X	X		X	X	X	X		
	MW-5	Corrective Measures			X		X		X	X	X	X		
	MW-6	Corrective Measures				X	X		X	X	X	X		
	MW-7	Corrective Measures			X		X		X	X	X	X		
	MW-8	Corrective Measures			X		X		X	X	X	X		
	MW-9	Corrective Measures			X		X		X	X	X	X		
	MW-10	Corrective Measures			X		X		X	X	X	X		
	MW-11	Corrective Measures			X		X		X	X	X	X		
	MW-12	Corrective Measures			X		X		X	X	X	X		
	MW-13	Corrective Measures			X		X		X	X	X	X		
	MW-14	Corrective Measures, PRB	X				X		X	X	X	X		
	MW-15	Corrective Measures				X	X		X	X	X	X		
	MW-16	Corrective Measures			X		X		X	X	X	X		
	MW-17	Corrective Measures				X	X		X	X	X	X		
	MW-20	Corrective Measures			X		X		X	X	X	X		
	MW-23	Corrective Measures, EQ Lagoon Post-Closure		X				X	X	X	X	X	X	
	MW-25	Corrective Measures			X		X		X	X	X	X		
	RT-1	Corrective Measures			X		X		X	X	X	X		
	RT-2	Corrective Measures, EQ Lagoon Post-Closure		X				X	X	X	X	X	X	
	RT-3	Corrective Measures				X	X		X	X	X	X		
	RT-4	EQ Lagoon Post-Closure		X				X	X	X	X	X	X	
	RT-5	Corrective Measures, EQ Lagoon Post-Closure		X				X	X	X	X	X	X	
	MW-41	Corrective Measures, PRB	X				X		X	X	X	X		
	MW-42	Corrective Measures, PRB	X				X		X	X	X	X		
	MW-43	Corrective Measures, PRB	X				X		X	X	X	X		
	MW-44	Corrective Measures, PRB	X				X		X	X	X	X		
	MW-45	Corrective Measures, PRB	X				X		X	X	X	X		
	MW-46	Corrective Measures, PRB	X				X		X	X	X	X		
MW-47	Corrective Measures, PRB	X				X		X	X	X	X			
MW-48	Corrective Measures, PRB	X				X		X	X	X	X			
MW-49	Corrective Measures, PRB	X				X		X	X	X	X			
MW-50	Corrective Measures, PRB	X				X		X	X	X	X			
MW-51	Corrective Measures, PRB	X				X		X	X	X	X			
MW-52	Corrective Measures, PRB	X				X		X	X	X	X			
MW-53	Corrective Measures			X		X		X	X	X	X			
MW-54	Corrective Measures			X		X		X	X	X	X			
MW-55	Corrective Measures, PRB	X				X		X	X	X	X			
MW-56	Corrective Measures, PRB	X				X		X	X	X	X			
MW-57	Corrective Measures, PRB	X				X		X	X	X	X			
MW-58	Corrective Measures, PRB	X				X		X	X	X	X			
MW-59	Corrective Measures, PRB	X				X		X	X	X	X			
Surface Water	SW-22	Corrective Measures	X				X		X	X	X	X		
	SW-12	Corrective Measures	X				X		X	X	X	X		
	SW-19	Corrective Measures	X				X		X	X	X	X		
	SW-9	Corrective Measures	X				X		X	X	X	X		
	SW-17	Corrective Measures	X				X		X	X	X	X		
Sediment	SD-4	Corrective Measures			X		X		X	X	X	X		
	SD-12	Corrective Measures			X		X		X	X	X	X		
	SD-7	Corrective Measures			X		X		X	X	X	X		
	SD-9	Corrective Measures			X		X		X	X	X	X		
	SD-17	Corrective Measures			X		X		X	X	X	X		

\* List 1 VOCs are listed in Table 2-1, while List 2 VOCs and SVOCs are listed in Table 2-2.

**TABLE 2-1. List of Constituents for Corrective Measures Monitoring (Groundwater, Surface Water, and Sediment)**

<b>Constituents of Concern</b>	
<b>VOCs</b>	<b>Metals</b>
Trichloroethene (TCE)	Arsenic
cis-1,2-Dichloroethene (Cis-1,2-DCE)	Chromium (hexavalent and total)
Vinyl Chloride (VC)	Lead
Benzene	
1,2-Dichloroethane	<b>Field Parameters<sup>a</sup></b>
1,1-Dichloroethene	Temperature
1,1,2-Trichloroethane	Dissolved Oxygen
Tetrachloroethene (PCE)	pH
Toluene	Oxidation-Reduction Potential (ORP)
	Specific Conductivity

a - These parameters are measured only for groundwater and surface water samples.

**TABLE 2-2. List of Constituents for Post-Closure Monitoring (Groundwater)**

<b>Constituents of Concern</b>	
<b>VOCs</b>	<b>SVOCs</b>
Trichloroethene (TCE)	bis(2-Ethylhexyl)phthalate
cis-1,2-Dichloroethene (Cis-1,2-DCE)	1,2,4-Trichlorobenzene
Vinyl Chloride (VC)	Naphthalene
Benzene	2-Methylnaphthalene
1,2-Dichloroethane	Pentachlorophenol
1,1,-Dichloroethene	1,2,4,5-Tetrchlorobenzene
1,1,2-Trichloroethane	
Tetrachloroethene (PCE)	<b>Metals</b>
Toluene	Arsenic
Chloroethane	Chromium (hexavalent and total)
Methylene chloride	Lead
Acetone	
Carbon Disulfide	<b>Field Parameters</b>
1,1-Dichloroethane	Temperature
Trans-1,2-Dichloroethene	Dissolved Oxygen
1,1,1-Trichloroethane	pH
1,2-Dichloropropane	Oxidation-Reduction Potential (ORP)
Ethlbenzene	Specific Conductivity
Xylenes (total)	

**TABLE 3-1. Groundwater Elevations**

Well ID	TOC Elevation (ft)	12/19/91	1/22/93	2/24/93	5/25/93	7/13/93	11/30/93	10/5/98	10/10/00	10/26/00	12/21/00	11/12/03
MW-1	183.45	171.71	171.12	171.34	171.83	171.4	170.36	170.79	169.19	169.11	NA	171.16
MW-2	179.87	169.27	168.41	168.17	168.51	167.82	167.22	166.91	NAPL	NAPL	NAPL	NAPL
MW-3	183.46	172.19	171.61	171.98	172.76	172.07	NM	172.36	DRY	DRY	DRY	DRY
MW-4	182.9	170.13	169.3	169.05	169.29	168.37	167.56	167.3	166.52	166.39	NA	168.12
MW-5	180.68	167.88	166.87	166.53	166.93	166.41	165.98	165.5	165.46	165.43	NA	166.25
MW-6	178.66	169.85	168.95	168.72	168.95	168.08	167.34	167.12	164.57	166.3	NA	167.9
MW-7	185.13	174.09	173.55	174.08	174.82	173.89	172.42	NM	170.94	170.83	NA	173.87
MW-8	182.86	173.71	173.11	173.36	174.14	173.51	172.36	NM	170.93	170.84	NA	173.25
MW-9	180.74	176.65	177.93	178.01	178.66	174.73	177.65	NM	NA	NA	NA	178.54
MW-10	180.8	168.08	167.02	166.63	166.99	166.59	166.05	165.62	165.55	165.52	NA	166.41
MW-11	182.59	173.59	172.99	173.32	174.08	173.38	172.09	NM	170.69	170.59	NA	173.03
MW-12	180.67	172.5	172.01	172.31	173.09	171.97	170.35	171.77	168.82	168.69	NA	171.55
MW-13	180.12	169.02	168.21	168.03	168.4	167.86	167.4	NM	166.62	166.55	NA	167.77
MW-14	181.44	167.18	165.94	165.51	166.02	165.51	165.17	164.56	164.8	164.8	NA	165.41
MW-15	183.67	170.59	169.77	169.51	169.74	168.65	167.74	167.59	166.67	166.56	NA	168.48
MW-16	178.57	170.11	169.19	168.84	169.02	168.01	167.21	166.95	166.17	166.11	NA	167.82
MW-17	178.97	NI	168.25	168.03	168.4	167.81	167.25	166.97	166.42	166.42	NA	167.67
MW-19	179.28	NI	166.08	165.54	NM	165.34	NM	NM	NA	NA	NA	NM
MW-20	182.35	NI	171.8	172.04	172.7	172.23	171.28	NM	NA	NA	NA	172.11
MW-23	181.61	NI	171.94	172.33	174.04	172.43	171.11	171.79	169.85	169.74	NA	172.04
MW-24	181.17	NI	NM	NM	NM	NM	NM	NM	NAPL	NAPL	NAPL	167.87
MW-25	181.19	NI	172.46	172.88	173.61	172.91	171.57	NM	170.69	170.12	NA	172.99
MW-31	184.84	NI	NI	NI	NI	173.47	172.46	NM	NM	NM	NM	NM
MW-41	179.28	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	165.57
MW-42	179.62	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	165.43
MW-43	179.17	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-44	178.9	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-45	178.59	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	166.53
MW-46	178.37	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	166.87
MW-47	178.64	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	165.31
MW-48	178.43	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	165.47
MW-49	178.25	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-50	178.43	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-51	178.22	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	166.18
MW-52	178.07	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	165.86
MW-53	177.91	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	167.29
MW-54	178.45	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	167.41
MW-55	178.607	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-56	178.513	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-57	177.214	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-58	179.344	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-59	179.312	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-60	184.02	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-61	183.886	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-62	185.05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-63	184.763	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
RT-1	185.18	NI	172.1	172.48	173.16	172.57	171.3	NM	170.05	169.93	NA	172.22
RT-2	184.56	NI	171.53	171.86	172.5	171.94	170.73	NM	169.52	169.43	NA	171.67
RT-3	184	NI	171.73	172.08	172.8	172.16	170.93	NM	169.66	169.57	NA	171.82
RT-4	184.33	NI	171.31	171.55	172.21	171.7	170.61	NM	169.47	169.38	NA	171.12
RT-5	184.17	NI	171.35	171.61	NM	171.7	170.6	171.12	169.46	169.37	NA	171.45
DW-4	183.73	NI	NI	NI	174.34	168.22	167.6	NM	NM	NM	NM	NM

Notes:

Bolded text represents data from calander year 2013

Groundwater Elevations in feet above mean sea level (ft msl)

**Suspect measurement**

NA = Not Available

NM = Not Measured

NI = Not Installed

NAPL = Well contained either light non-aqueous phase liquid (LNAPL) or dense non-aqueous phase liquid (DNAPL)

**TABLE 3-1. Groundwater Elevations**

Well ID	TOC Elevation (ft)	2/19/04	5/12/04	3/29/05	11/7/05	3/20/06	6/6/06	10/23/06	4/23/07	10/22/07	4/25/08	9/23/08
MW-1	183.45	NM	NM	NM	NM	172.55	NM	NM	NM	NM	171.69	NM
MW-2	179.87	NM	NM	NM	NM	170.31	NM	NM	NM	NM	NM	NM
MW-3	183.46	NM	NM	NM	NM	172.9	NM	NM	NM	NM	DRY	NM
MW-4	182.9	NM	NM	NM	NM	171.21	NM	NM	NM	NM	169.29	NM
MW-5	180.68	NM	166.1	167.35	166.59	169.21	167.15	166.55	166.99	166.52	167.3	166.37
MW-6	178.66	NM	NM	NM	NM	171.1	NM	NM	NM	NM	169.11	NM
MW-7	185.13	NM	NM	NM	NM	174.74	NM	NM	NM	NM	173.78	NM
MW-8	182.86	NM	NM	NM	NM	174.17	NM	NM	NM	NM	173.15	NM
MW-9	180.74	NM	NM	NM	NM	179.35	NM	NM	NM	NM	180.24	NM
MW-10	180.8	166.18	165.37	166.74	165.79	168.59	166.18	165.68	166	165.72	166.28	165.53
MW-11	182.59	NM	NM	NM	NM	174.11	NM	173.17	NM	NM	NM	NM
MW-12	180.67	NM	NM	NM	NM	173.3	NM	NM	NM	NM	172.14	NM
MW-13	180.12	NM	167.92	NM	NM	169.92	NM	NM	168.19	168.22	168.59	NM
MW-14	181.44	164.96	164.04	165.22	164.46	166.75	NA	164.25	164.43	164.27	164.46	163.91
MW-15	183.67	170.59	169.21	NM	NM	172.58	NM	NM	NM	NM	169.69	NM
MW-16	178.57	170.02	168.43	NM	NM	171.32	NM	NM	NM	NM	169.11	NM
MW-17	178.97	168.67	167.83	NM	NM	NM	NM	NM	NM	NM	168.6	NM
MW-19	179.28	NM	NM	NM	NM	170.72	NM	NM	NM	NM	NM	NM
MW-20	182.35	NM	NM	NM	NM	172.99	NM	NM	NM	NM	172.28	NM
MW-23	181.61	NM	NM	NM	NM	173.21	NM	171.3	172.13	171.12	172.35	171.44
MW-24	181.17	NM	NM	NM	NM	169.18	NM	NM	NM	NM	NM	NM
MW-25	181.19	NM	NM	NM	NM	173.33	NM	NM	NM	NM	172.97	NM
MW-31	184.84	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-41	179.28	166.54	164.36	165.78	164.39	167.63	164.67	164.31	164.62	164.21	164.23	163.69
MW-42	179.62	166.45	164.22	165.56	164.47	167.67	164.53	164.24	164.56	164.18	164.24	163.69
MW-43	179.17	NI	NI	166.51	164.24	168.18	165.21	164.69	164.93	164.5	164.67	163.99
MW-44	178.9	NI	NI	166.85	164.92	168.54	165.28	165.07	165.4	164.64	164.92	164.19
MW-45	178.59	166.69	165.57	167.84	166.78	169.99	167.58	166.84	167.49	166.81	167.88	166.72
MW-46	178.37	168.09	165.04	167.63	166.63	169.77	167.46	166.75	167.4	166.75	167.81	166.71
MW-47	178.64	166.98	165.14	165.54	163.93	167.74	164.53	164.09	164.54	164.1	164.59	163.66
MW-48	178.43	167.28	165.53	166.01	163.56	168.07	164.88	164.33	164.86	164.3	165.01	163.92
MW-49	178.25	NI	NI	166.71	164.89	168.86	165.4	164.71	165.33	164.69	165.63	164.41
MW-50	178.43	NI	NI	166.72	164.89	168.94	165.38	164.73	165.37	164.72	165.64	164.35
MW-51	178.22	168.72	166.6	167.86	164.88	170.42	166.62	165.93	166.84	165.8	167.13	165.26
MW-52	178.07	167.91	166.11	167.3	165.52	169.98	166.7	165.65	166.5	165.59	167.21	165.43
MW-53	177.91	170.28	167.99	169.34	167.15	171.61	168.21	167.05	168.1	166.82	168.71	166.7
MW-54	178.45	170.03	167.75	169.05	166.76	NM	NM	NM	NM	NM	168.36	166.34
MW-55	178.607	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-56	178.513	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-57	177.214	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-58	179.344	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-59	179.312	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-60	184.02	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-61	183.886	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-62	185.05	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-63	184.763	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
RT-1	185.18	NM	NM	NM	NM	173.48	NM	171.47	NM	NM	172.49	171.55
RT-2	184.56	NM	NM	NM	NM	172.66	NM	170.96	171.78	170.77	172.06	171.06
RT-3	184	NM	NM	NM	NM	173.03	NM	171.13	NM	NM	172.24	NM
RT-4	184.33	NM	NM	NM	NM	172.01	NM	170.51	171.15	170.33	171.52	170.6
RT-5	184.17	NM	NM	NM	NM	172.43	NM	170.89	171.57	170.68	171.9	170.92
DW-4	183.73	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

Notes:

Bolded text represents data from calander year 2013

Groundwater Elevations in feet above mean sea level (ft msl)

**Suspect measurement**

NA = Not Available

NM = Not Measured

NI = Not Installed

NAPL = Well contained either light non-aqueous phase liquid (LNAPL) or dense non-aqueous phase liquid (DNAPL)

**TABLE 3-1. Groundwater Elevations**

Well ID	TOC Elevation (ft)	5/20/09	10/26/09	4/6/10	10/12/10	5/9/11	10/18/11	4/30/12	10/20/12	5/16/13	11/3/13	2/25/14
MW-1	183.45	NM	172.53	173.42	170.71	171.11	169.87	171.11	169.63	172	NM	171.38
MW-2	179.87	NM	NAPL	170	NM	NM	NM	NM	NM	168.97	NM	168.33
MW-3	183.46	NM	172.97	174.07	DRY	DRY	NM	DRY	DRY	172.65	NM	dry
MW-4	182.9	NM	170.22	170.69	167.72	169.13	167.25	168.71	167.23	169.87	168.1	169.26
MW-5	180.68	NM	166.85	168.39	166.63	167.11	166.12	166.81	165.96	167.53	NM	167.11
MW-6	178.66	NM	169.91	170.4	167.61	168.88	167.12	168.45	167.06	169.6	167.88	169.01
MW-7	185.13	NM	174.47	176.05	172.12	173.1	171.48	172.98	171.14	174.34	172.08	173.27
MW-8	182.86	NM	174.09	175.34	172.49	172.77	171.61	172.62	171.37	173.45	172.21	172.93
MW-9	180.74	NM	NA	181.39	178.74	179.63	178.92	179.39	NM	NM	178.48	178.48
MW-10	180.8	NM	166.71	167.22	165.88	166.19	165.39	165.85	165.26	166.59	165.72	166.08
MW-11	182.59	NM	174.08	175.32	172.21	172.69	171.38	172.56	171.11	173.55	171.96	172.87
MW-12	180.67	NM	NM	174.05	170.37	171.86	169.73	171.74	169.55	172.81	170.72	172.13
MW-13	180.12	NM	NM	169.89	167.8	166.3	167.19	168.07	167.06	NM	167.68	168.4
MW-14	181.44	165.07	164.59	165.02	164.32	164.3	163.87	163.9	163.73	164.38	163.99	164.01
MW-15	183.67	NM	170.58	171.07	167.88	169.5	167.44	169.05	167.42	170.23	168.38	169.68
MW-16	178.57	NM	169.99	170.34	167.33	168.91	166.9	168.42	166.88	169.61	167.79	169.05
MW-17	178.97	NM	169.33	169.94	NM	NM	167.12	NM	166.96	NM	167.68	168.5
MW-19	179.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	164.13
MW-20	182.35	NM	NM	NM	NM	NM	170.74	NM	NM	172.57	NM	172.21
MW-23	181.61	173.32	173.27	174.36	171.39	171.86	170.57	171.89	170.2	172.85	171.11	172.1
MW-24	181.17	NM	NM	NM	NM	NM	NM	NM	166.11	NM	171.04	168.11
MW-25	181.19	NM	173.25	174.46	171.76	NM	170.95	NM	170.18	172.85	170.99	172.52
MW-31	184.84	NM	NM	NM	NM	NM	171.88	NM	NM	NM	172.39	172.9
MW-41	179.28	164.96	164.44	164.92	164.17	164.32	163.71	163.84	163.68	164.48	163.86	163.95
MW-42	179.62	165.03	164.54	165.01	164.17	164.39	163.79	163.9	163.6	164.59	163.88	164.07
MW-43	179.17	165.4	164.79	165.25	164.37	164.51	163.93	164.06	163.91	164.75	164.07	164.21
MW-44	178.9	165.72	165.16	165.67	164.69	164.98	164.39	164.56	164.28	165.21	164.75	164.69
MW-45	178.59	169.21	168.61	169.13	166.89	167.79	166.44	167.44	166.29	168.41	167.04	167.9
MW-46	178.37	169.15	167.56	169.09	166.87	167.76	166.43	167.42	166.24	168.4	167.02	167.89
MW-47	178.64	165.61	164.92	165.32	163.92	164.59	163.72	164.06	163.62	164.75	163.79	164.29
MW-48	178.43	166.21	166.29	166	164.14	165.04	163.94	164.56	163.83	165.39	164.27	164.95
MW-49	178.25	167.12	166.18	166.5	164.52	165.6	164.32	165	164.35	NM	164.74	165.53
MW-50	178.43	167.09	166.35	166.55	164.58	165.67	164.37	165.16	164.29	166.09	164.81	165.61
MW-51	178.22	169.13	168.15	168.3	165.45	167.28	165.25	166.71	165.25	167.83	166.07	167.14
MW-52	178.07	168.58	167.69	167.92	165.32	166.92	165.11	166.34	165.15	167.46	165.82	167.21
MW-53	177.91	169.62	NM	169.77	166.38	168.52	166.14	167.83	NM	NM	167.16	168.71
MW-54	178.45	NM	169.19	169.32	165.86	168.18	165.72	167.47	NM	168.78	167.07	168.33
MW-55	178.607	NI	NI	NI	NI	NI	NI	NI	163.767	165.627	164.367	165.287
MW-56	178.513	NI	NI	NI	NI	NI	NI	NI	163.853	165.653	164.403	165.343
MW-57	177.214	NI	NI	NI	NI	NI	NI	NI	164.204	165.214	164.634	164.814
MW-58	179.344	NI	NI	NI	NI	NI	NI	NI	165.614	166.864	166.864	166.424
MW-59	179.312	NI	NI	NI	NI	NI	NI	NI	165.412	166.662	165.892	166.162
MW-60	184.02	NI	NI	NI	NI	NI	NI	NI	NI	NI	170.67	171.87
MW-61	183.886	NI	NI	NI	NI	NI	NI	NI	NI	NI	170.166	171.976
MW-62	185.05	NI	NI	NI	NI	NI	NI	NI	NI	NI	171.5	172.46
MW-63	184.763	NI	NI	NI	NI	NI	NI	NI	NI	NI	171.913	172.753
RT-1	185.18	173.61	173.36	174.49	171.55	171.91	170.71	171.98	170.38	172.92	170.33	172.17
RT-2	184.56	172.99	172.93	173.94	171.09	171.5	170.21	171.55	169.89	172.45	170.79	171.74
RT-3	184	NM	173.07	174.16	171.24	171.68	170.37	171.72	NM	NM	170.93	171.93
RT-4	184.33	172.43	172.37	173.44	170.69	170.98	169.79	171.01	169.53	169.88	170.38	171.21
RT-5	184.17	172.85	172.77	173.76	171.01	171.36	170.1	171.38	169.84	172.16	170.69	171.57
DW-4	183.73	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	169.33

Notes:

Bolded text represents data from calendar year 2013

Groundwater Elevations in feet above mean sea level (ft)

**Suspect measurement**

NA = Not Available

NM = Not Measured

NI = Not Installed

NAPL = Well contained either light non-aqueous phase liquid (LNAPL) or dense non-aqueous phase liquid (DNAPL)

**TABLE 3-2. Results for VOCs Detected In Groundwater**

Well Name	Well Type	Sample Date	USEPA MCL								
			Trichloroethene (mg/L)	cis-1,2-Dichloroethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloroethene (mg/L)	1,2-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloroethane (mg/L)	Benzene (mg/L)
MW-1	Upper	Aug. '91	7.70	84 JD	3.8 JE	0.012 J	0.0019 J	0.33 JE	0.14 J	0.007 J	0.0012 J
MW-1		Dec. '91	7.9 D	28 D	4.9 D	UD	UD	UD	UD	UD	UD
MW-1		Jan. '93	4.9 D	17 D	4.6 D	UD	UD	UD	UD	UD	UD
MW-1		Oct. '98	UD	62 D	1.2 D	UD	UD	UD	UD	UD	UD
MW-1		Oct. '00	6.1 D	20 D	1.5 D	UD	UD	0.099 JD	UD	UD	UD
MW-1		Nov. '03	3.1 D	31 D	1.2 D	0.500 UD	0.500 UD	0.500 UD	0.500 UD	0.500 UD	0.500 UD
MW-1		Mar. '06	0.390 D	9.3 D	0.200 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-1		Apr. '08	0.600 D	4.1 D	0.160 D	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD
MW-1		May. '12	0.160 D	2.0 D	0.071 UD	0.071 UD	0.071 UD	0.071 UD	0.071 UD	0.071 UD	0.071 UD
MW-2	Upper	Aug. '91	480 JD	53 JD	18 JE	0.074 J	0.011 J	2.5 JE	2.8 JE	0.16 J	U
MW-2		Dec. '91	690 D	10 D	UD	UD	UD	UD	UD	UD	UD
MW-2		Jan. '93	560 D	96 D	UD	UD	UD	UD	UD	UD	UD
MW-2		Oct. '98	650 D	170 D	6.6 D	0.08 JD	UD	0.25 JD	2.2 D	UD	UD
MW-3	Upper	Aug. '91	0.29 JD	0.190	U	0.0047 J	U	0.0067 J	0.0007 J	U	0.0005 J
MW-3		Dec. '91	3.0 D	0.760 D	UD	0.01 D	UD	UD	UD	UD	UD
MW-3		Jan. '93	1.2 D	0.270 D	UD	UD	UD	UD	UD	UD	UD
MW-3		Mar. '06	0.076 D	0.230 D	0.004 UD	0.002 UD	0.002 UD	0.002 UD	0.002 UD	0.002 UD	0.002 UD
<b>MW-3</b>		<b>Mar. '15</b>	<b>0.071 D</b>	<b>0.180 D</b>	<b>0.0067 UD</b>	<b>0.0067 UD</b>	<b>0.0067 UD</b>	<b>0.0067 UD</b>	<b>0.0067 UD</b>	<b>0.0067 UD</b>	<b>0.0067 UD</b>
MW-4	Upper	Aug. '91	3.5 JDX	24 JD	6.5 JD	U	0.0033 J	0.049	0.1	0.0032 J	0.0022 J
MW-4		Dec. '91	3.9 D	3.9 D	UD	UD	UD	UD	UD	UD	UD
MW-4		Jan. '93	2.9 D	20 D	5.9 D	UD	UD	UD	UD	UD	UD
MW-4		Oct. '98	3.7 D	16 D	3.2 D	0.0055 J	U	0.036	0.082	U	0.0028 J
MW-4		Oct. '00	3.3 D	24 D	3.3 D	UD	UD	UD	0.07 JD	UD	UD
MW-4		Nov. '03	2.9 D	17 D	4.1 D	0.200 UD	0.200 UD	0.200 UD	0.063 JD	UD	0.200 UD
MW-4		Mar. '06	3.6 D	17 D	2.5 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-4		Apr. '08	2.6 D	12 D	1.5 D	0.100 UD	0.100 UD	0.100 UD	0.052 JD	0.100 UD	0.100 UD
MW-4 DUP (425)		Apr. '08	2.9 D	13 D	0.490 D	0.100 UD	0.100 UD	0.100 UD	0.060 JD	0.100 UD	0.100 UD
MW-4		May. '12	3.2 D	7.5 D	0.83 D	0.170 UD	0.170 UD	0.170 UD	0.170 UD	0.170 UD	0.170 UD

TABLE 3-2. Results for VOCs Detected In Groundwater

Well Name	Well Type	Sample Date	cis-1,2-Dichloro-								
			Trichloroethene (mg/L)	ethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloro- ethene (mg/L)	1,2-Dichloro- ethane (mg/L)	1,1-Dichloro- ethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloro- ethane (mg/L)	Benzene (mg/L)
USEPA MCL			0.005	0.07	0.002	0.005	0.005	0.007	1	0.005	0.005
MW-5	Upper	Aug. '91	1.5 JD	0.26 JD	U	0.0018 J	U	U	0.029	0.008 J	U
MW-5		Dec. '91	1.2 D	0.18 D	UD	UD	UD	UD	UD	UD	UD
MW-5		Jan. '93	15 D	2 D	UD	UD	UD	UD	UD	UD	UD
MW-5		Oct. '98	100 D	37 D	0.2 JD	UD	UD	UD	UD	UD	UD
MW-5 Dupe		Oct. '98	99 D	36 D	0.2 JD	UD	UD	UD	UD	UD	UD
MW-5		Oct. '00	69 D	45 D	UD	UD	UD	UD	UD	UD	UD
MW-5		Nov. '03	0.600 D	0.420 D	0.010 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
MW-5		May '04	1.5 D	1 D	UD	UD	UD	UD	UD	UD	UD
MW-5		Mar. '05	30 D	8.2 D	0.400 UD	0.200 UD	0.200 UD	0.200 UD	0.200 UD	0.200 UD	0.200 UD
MW-5		Nov. '05	0.820 D	0.250 D	0.010 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
MW-5		Mar. '06	0.930 D	0.220 D	0.020 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-5		Oct. '06	0.810 D	0.230 D	0.020 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-5		Apr. '07	1.3 D	0.320 D	0.020 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-5		Oct. '07	3.2 D	0.590 D	0.0049 JD	0.00085 JD	0.005 UD	0.0014 JD	0.005 UD	0.00070 JD	0.005 UD
MW-5		Apr. '08	6.0 D	1.1 D	0.050 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD
MW-5		Sep. '08	8.4 D	1.5 D	0.100 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD
MW-5		Apr. '10	16 D	4.42 D	0.111 JD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-5		May. '12	15 D	3.3 D	0.500 UD	0.500 UD	0.500 UD	0.500 UD	0.500 UD	0.500 UD	0.500 UD
<b>MW-5</b>		<b>May. '14</b>	<b>14 D</b>	<b>4.5 D</b>	<b>0.250 UD</b>	<b>0.250 UD</b>	<b>0.250 UD</b>	<b>0.250 UD</b>	<b>0.250 UD</b>	<b>0.250 UD</b>	<b>0.250 UD</b>
MW-6	Upper	Aug. '91	9 JD	45 JD	24 JD	0.027	0.012	0.12	1.1 JD	0.019	0.0017 J
MW-6		Dec. '91	2.7 D	1.1 D	UD	UD	UD	UD	UD	UD	UD
MW-6		Jan. '93	9.8 D	42 D	62 D	UD	UD	UD	0.81 JD	UD	UD
MW-6		Oct. '98	2.9 D	20 D	18 D	U	U	0.032	0.16	U	0.0015 J
MW-6		Oct. '00	3.5 D	3.2 D	1.2 D	0.025 D	U	0.012 JD	0.0068 JD	U	U
MW-6		Nov. '03	0.870 D	12 D	28 D	0.200 UD	0.200 UD	0.200 UD	0.160 JD	0.200 UD	0.200 UD
MW-6		Mar. '06	1.6 D	17 D	13 D	0.100 UD	0.100 UD	0.100 UD	0.120 D	0.100 UD	0.100 UD
MW-6		Apr. '08	0.450 D	40 D	8.6 D	0.400 UD	0.400 UD	0.400 UD	0.480 D	0.400 UD	0.400 UD
MW-6		May. '12	3.0 D	6.4 D	1.4 D	0.250 UD	0.250 UD	0.250 UD	0.250 UD	0.250 UD	0.250 UD
MW-7	Upper	Aug. '91	0.019 J	0.0049 J	U	U	U	U	U	U	U
MW-7 DUP		Aug. '91	0.014 J	0.0055 J	U	U	U	U	U	U	U
MW-7		Dec. '91	0.015	0.0062 J	U	U	U	U	U	U	U
MW-7		Jan. '93	0.0078 J	0.0017 J	U	U	U	U	U	U	U
MW-7		Oct. '00	0.050	0.0061	U	U	U	U	U	U	U
MW-7		Nov. '03	0.014	0.00078 J	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-7		Mar. '06	0.0012	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-7		Apr. '08	0.0032	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-7		Apr. '10	0.0289	0.000635 J	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-7 DUP 040910		Apr. '10	0.0221	0.000572 J	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-7		May. '12	0.081	0.0098	0.0033 UD	0.0033 UD	0.0033 UD	0.0033 UD	0.0033 UD	0.0033 UD	0.0033 UD
<b>MW-7</b>		<b>May. '14</b>	<b>0.030</b>	<b>0.0034</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>

TABLE 3-2. Results for VOCs Detected In Groundwater

Well Name	Well Type	Sample Date	TABLE 3-2. Results for VOCs Detected In Groundwater								
			Trichloroethene (mg/L)	cis-1,2-Dichloro- ethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloro- ethene (mg/L)	1,2-Dichloro- ethane (mg/L)	1,1-Dichloro- ethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloro- ethane (mg/L)	Benzene (mg/L)
USEPA MCL			0.005	0.07	0.002	0.005	0.005	0.007	1	0.005	0.005
MW-8	Lower	Dec. '91	0.42 D	0.0059 JD	UD	UD	UD	UD	UD	UD	UD
MW-8		Jan. '93	0.30 D	0.0067 JD	UD	UD	UD	UD	UD	UD	UD
MW-8		Oct. '00	0.12	0.0032 J	U	U	U	U	U	U	U
MW-8		Nov. '03	0.110	0.0038	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-8		Mar. '06	0.095	0.0032	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-8		Apr. '08	0.061	0.0023	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-8		Apr. '10	0.107	0.00296	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-8		May. '12	0.079 D	0.0036 D	0.0033 UD	0.0033 UD	0.0033 UD	0.0033 UD	0.0033 UD	0.0033 UD	0.0033 UD
<b>MW-8</b>		<b>May. '14</b>	<b>0.070 D</b>	<b>0.0039 D</b>	<b>0.0025 UD</b>	<b>0.0025 UD</b>	<b>0.0025 UD</b>	<b>0.0025 UD</b>	<b>0.0025 UD</b>	<b>0.0025 UD</b>	<b>0.0025 UD</b>
MW-9	Lower	Dec. '91	U	U	U	U	U	U	U	U	U
MW-9		Jan. '93	U	U	U	U	U	U	U	U	U
MW-9 DUP		Jan. '93	U	U	U	U	U	U	U	U	U
MW-9		Nov. '03	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-9		Mar. '06	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-9		Apr. '08	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-9		Apr. '10	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-9		May. '12	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
<b>MW-9</b>		<b>May. '14</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>
MW-10	Lower	Aug. '91	0.0051 J	U	U	U	U	U	U	U	U
MW-10		Jan. '93	0.0023 J	U	U	U	U	U	U	U	U
MW-10		Oct. '98	0.0065 JD	UD	UD	UD	UD	UD	UD	UD	UD
MW-10		Oct. '00	0.0043 J	U	U	U	U	U	U	U	U
MW-10		Nov. '03	0.0033	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-10		Mar. '05	0.0049	0.0014	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-10		Nov. '05	0.0039	0.0013	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-10		Mar. '06	0.0028	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-10		Oct. '06	0.0037	0.0014	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-10		Apr. '07	0.0023	0.00095 J	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-10		Oct. '07	0.0031	0.0013	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-10		Apr. '08	0.0057	0.0028	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-10		Sep. '08	0.0043	0.002	0.002 U	0.001 U	0.001 U	0.001 U	0.00050 J	0.001 U	0.001 U
MW-10		Apr. '10	0.00873	0.00819	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-10		Apr. '12	0.018	0.014	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
<b>MW-10</b>		<b>May. '14</b>	<b>0.051 D</b>	<b>0.041 D</b>	<b>0.002 UD</b>	<b>0.002 UD</b>	<b>0.002 UD</b>	<b>0.002 UD</b>	<b>0.002 UD</b>	<b>0.002 UD</b>	<b>0.002 UD</b>

TABLE 3-2. Results for VOCs Detected In Groundwater

Well Name	Well Type	Sample Date	cis-1,2-Dichloro-								
			Trichloroethene (mg/L)	ethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloro- ethene (mg/L)	1,2-Dichloro- ethane (mg/L)	1,1-Dichloro- ethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloro- ethane (mg/L)	Benzene (mg/L)
USEPA MCL			0.005	0.07	0.002	0.005	0.005	0.007	1	0.005	0.005
MW-11	Upper	Dec. '91	0.072	U	U	U	U	U	U	U	U
MW-11		Jan. '93	0.025	0.0023 J	U	U	U	U	U	U	U
MW-11		Oct. '00	1.4 D	0.038 D	UD	UD	UD	UD	UD	UD	UD
MW-11		Nov. '03	0.013	0.00047 J	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-11		Mar. '06	0.011	0.0056	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-11		Apr. '08	0.0014	0.00061 J	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-11		Apr. '10	0.000631 J	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-11		May. '12	0.010	0.0033	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
<b>MW-11</b>		<b>May. '14</b>	<b>0.004</b>	<b>0.0012</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>
MW-12	Upper	Dec. '91	U	0.078	U	U	U	U	U	U	U
MW-12		Jan. '93	0.0075 J	0.12	U	U	U	U	U	U	U
MW-12		Oct. '98	0.022	0.19	U	U	U	U	U	U	U
MW-12		Oct. '00	0.062	0.11	U	U	U	U	U	U	U
MW-12		Nov. '03	0.004	0.031	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-12 Dup		Nov. '03	0.0043	0.032	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-12		Mar. '06	0.0087	0.029	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-12		Apr. '08	0.001	0.0053	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-12		Apr. '10	0.000804 J	0.00482	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-12		May. '12	0.001 U	0.0033	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-12 Dup		May. '12	0.001 U	0.0036	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
<b>MW-12</b>		<b>May. '14</b>	<b>0.001 U</b>	<b>0.0092</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>
MW-13	Upper	Dec. '91	U	U	U	U	U	U	U	U	U
MW-13		Jan. '93	U	U	U	U	U	U	U	U	U
MW-13		Oct. '00	U	U	U	U	U	U	U	U	U
MW-13		Nov. '03	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-13		Mar. '06	0.034	0.040	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-13		Apr. '08	0.170 D	0.210 D	0.004 UD	0.002 UD	0.002 UD	0.002 UD	0.002 UD	0.002 UD	0.002 UD
MW-13		Apr. '10	0.176 D	0.175 D	0.010 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
MW-13		Apr. '12	0.026	0.040	0.0017 UD	0.0017 UD	0.0017 UD	0.0017 UD	0.0017 UD	0.0017 UD	0.0017 UD
<b>MW-13</b>		<b>May. '14</b>	<b>0.035 D</b>	<b>0.051 D</b>	<b>0.0025 UD</b>	<b>0.0025 UD</b>	<b>0.0025 UD</b>	<b>0.0025 UD</b>	<b>0.0025 UD</b>	<b>0.0025 UD</b>	<b>0.0025 UD</b>

TABLE 3-2. Results for VOCs Detected In Groundwater

Well Name	Well Type	Sample Date	cis-1,2-Dichloro-								
			Trichloroethene (mg/L)	ethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloro- ethene (mg/L)	1,2-Dichloro- ethane (mg/L)	1,1-Dichloro- ethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloro- ethane (mg/L)	Benzene (mg/L)
USEPA MCL			0.005	0.07	0.002	0.005	0.005	0.007	1	0.005	0.005
MW-14	Upper	Dec. '91	0.38 D	0.027	U	U	U	U	U	U	U
MW-14		Jan. '93	0.33 D	0.043 JD	UD	UD	UD	UD	UD	UD	UD
MW-14		Oct. '98	1.2 D	0.5 D	UD	UD	UD	UD	UD	UD	UD
MW-14		Oct. '00	4.8 D	2.4 D	UD	UD	UD	UD	UD	UD	UD
MW-14		Nov. '03	0.450 D	0.190 D	0.010 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
MW-14		Mar. '05	0.016 JD	4.8 D	0.250 D	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD
MW-14		Nov. '05	0.0018	0.150	0.100	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-14		Mar. '06	0.0039	0.018	0.0047	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0011
MW-14		Oct. '06	0.016	0.200	0.120	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-14		Apr. '07	0.0016	0.0066	0.0058	0.001 U	0.001 U	0.001 U	0.00021 J	0.001 U	0.00061 J
MW-14		Oct. '07	0.0024 D	0.640 D	0.420 D	0.002 UD	0.002 UD	0.002 D	0.002 UD	0.002 UD	0.00030 JD
MW-14 Dup (MW-63)		Oct. '07	0.038 D	0.660 D	0.420 D	0.010 UD	0.010 UD	0.0021 JD	0.010 UD	0.010 UD	0.010 UD
MW-14		Apr. '08	0.120 D	0.650 D	0.240 D	0.005 UD	0.005 UD	0.0025 JD	0.005 UD	0.005 UD	0.005 UD
MW-14		Sep. '08	1.0 D	1.0 D	0.110 D	0.010 UD	0.010 UD	0.0062 JD	0.010 UD	0.010 UD	0.010 UD
MW-14		May. '09	4.7 D	2.1 D	0.110 D	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD
MW-14 DUP (DUP052009)		May. '09	4.6 D	2.2 D	0.110 D	0.025 UD	0.025 UD	0.0083 JD	0.025 UD	0.025 UD	0.025 UD
MW-14		Nov. '09	0.120	0.064	0.0039	0.001 U	0.001 U	0.00044 J	0.001 U	0.001 U	0.001 U
MW-14		Apr. '10	4.38 D	2.32 D	0.254 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-14		Oct. '10	0.887 D	0.587 D	0.0457 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-14 DUP (101510)		Oct. '10	1.100 D	0.766 D	0.0547 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-14		May. '11	0.210 D	0.240 D	0.020 D	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
MW-14		Oct. '11	0.110	0.150	0.010	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-14		Apr. '12	0.640 D	0.570 D	0.053 D	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD
MW-14		Oct. '12	0.160 D	0.120 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-14		May. '13	1.400 DJ	0.640 D	0.067 UD	0.067 UD	0.067 UD	0.067 UD	0.067 UD	0.067 UD	0.067 UD
MW-14		Nov. '13	0.190 D	0.140 D	0.013 UD	0.013 UD	0.013 UD	0.013 UD	0.013 UD	0.013 UD	0.013 UD
<b>MW-14</b>		<b>May. '14</b>	<b>0.750 D</b>	<b>0.440 D</b>	<b>0.011 UD</b>	<b>0.011 UD</b>	<b>0.011 UD</b>	<b>0.011 UD</b>	<b>0.011 UD</b>	<b>0.011 UD</b>	<b>0.011 UD</b>
<b>MW-14</b>		<b>Nov. '14</b>	<b>1.000 D</b>	<b>0.640 D</b>	<b>0.033 UD</b>	<b>0.033 UD</b>	<b>0.033 UD</b>	<b>0.033 UD</b>	<b>0.033 UD</b>	<b>0.033 UD</b>	<b>0.033 UD</b>
MW-15	Upper	Dec. '91	3.5 D	14 D	5.6 D	UD	UD	UD	UD	UD	UD
MW-15		Jan. '93	3.3 D	1.4 D	UD	UD	UD	UD	UD	UD	UD
MW-15		Oct. '98	5.2 D	2.3 D	0.0078 J	0.012	U	0.01	U	U	U
MW-15		Oct. '00	3.4 D	1.8 D	UD	UD	UD	UD	UD	UD	UD
MW-15		Nov. '03	2.5 D	3.4 D	0.100 D	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD
MW-15		Mar. '06	1.2 D	1.4 D	0.020 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-15		Apr. '08	0.570 D	0.820 D	0.002 JD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-15		May. '12	0.490 D	0.610 D	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD

TABLE 3-2. Results for VOCs Detected In Groundwater

Well Name	Well Type	Sample Date	USEPA MCL									
			Trichloroethene (mg/L)	cis-1,2-Dichloroethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloroethene (mg/L)	1,2-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloroethane (mg/L)	Benzene (mg/L)	
MW-16	Upper	Dec. '91	7.1 JD	23 D	55 D	UD	UD	UD	UD	UD	UD	UD
MW-16		Jan. '93	5.5 D	2.9 D	UD	UD	UD	UD	UD	UD	UD	UD
MW-16		Oct. '98	2.8 D	3.7 D	0.36 D	0.0061 J	U	0.012	U	U	U	U
MW-16		Oct. '00	3.8 D	4 D	0.49 D	UD	UD	0.014 JD	UD	UD	UD	UD
MW-16 DUP		Oct. '00	4.4 D	4.3 D	0.54 D	UD	UD	UD	UD	UD	UD	UD
MW-16		Nov. '03	2.3 D	3 D	0.410 D	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD
MW-16		Mar. '06	2.1 D	2.5 D	0.250 D	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD
MW-16		Apr. '08	1.1 D	1.2 D	0.150 D	0.0015 JD	0.010 UD	0.0052 JD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-16		Apr. '10	0.871 D	1.02 D	0.161 D	0.010 UD	0.010 UD	0.00747 JD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-16		Apr. '12	0.900 D	0.50 D	0.033 UD	0.033 UD	0.033 UD	0.033 UD	0.033 UD	0.033 UD	0.033 UD	0.033 UD
<b>MW-16</b>		<b>May. '14</b>	<b>0.600 D</b>	<b>0.59 D</b>	<b>0.04 D</b>	<b>0.025 UD</b>	<b>0.025 UD</b>	<b>0.025 UD</b>	<b>0.025 UD</b>	<b>0.025 UD</b>	<b>0.025 UD</b>	<b>0.025 UD</b>
MW-17		Lower	Jan. '93	11 D	1.7 D	UD	UD	UD	UD	UD	UD	UD
MW-17			Feb. '93	12 D	1.7 D	UD	UD	UD	UD	UD	UD	UD
MW-17 DUP			Feb. '93	11 D	1.6 D	UD	UD	UD	UD	UD	UD	UD
MW-17	Oct. '98		13 D	2.8 D	0.31 JD	UD	UD	UD	UD	UD	UD	
MW-17	Oct. '00		9 D	1.9 D	0.14 JD	UD	UD	UD	UD	UD	UD	
MW-17	Nov. '03		8.3 D	2.3 D	0.230 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	
MW-17 DUP	Nov. '03		8.7 D	2.3 D	0.210 D	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	
MW-17	Mar. '06		8.5 D	2.1 D	0.200 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	
MW-17 DUP (MW-B)	Mar. '06		8.2 D	2.1 D	0.200 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	
MW-17	Apr. '08		4.9 D	1.5 D	0.100 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	
MW-17	May. '12		1.4 D	0.48 D	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	
MW-19	Lower	Jan. '93	U	NA	U	U	U	U	U	U	U	
MW-19		Feb. '93	U	NA	U	U	U	U	U	U	U	
MW-20	Upper	Jan. '93	0.018	U	U	U	U	U	U	U	U	
MW-20		Feb. '93	0.024	0.0009 J	U	U	U	U	U	U	U	
MW-20		Nov. '03	0.066	0.079	0.00051 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
MW-20		Mar. '06	0.034	0.033	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
MW-20		Apr. '08	0.037	0.036	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
MW-20		Oct. '11	0.086	0.088	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
MW-20		May. '12	0.43 D	0.44 D	0.022 UD	0.022 UD	0.022 UD	0.022 UD	0.022 UD	0.022 UD	0.022 UD	
<b>MW-20</b>		<b>May. '14</b>	<b>0.37 D</b>	<b>0.39 D</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	
MW-21	Upper	Jan. '93	0.015	NA	U	U	U	U	U	U	U	
MW-21		Feb. '93	0.0034 J	NA	U	U	U	U	U	U	U	

TABLE 3-2. Results for VOCs Detected In Groundwater

Well Name	Well Type	Sample Date	USEPA MCL								
			Trichloroethene (mg/L)	cis-1,2-Dichloroethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloroethene (mg/L)	1,2-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloroethane (mg/L)	Benzene (mg/L)
MW-23	Upper	Jan. '93	9 D	4.1 D	U	0.0025 J	U	0.0096 J	U	U	U
MW-23		Feb. '93	6.4 D	2.4 D	UD	UD	UD	UD	UD	UD	UD
MW-23		Oct. '98	0.2 D	0.095 D	0.011 JD	UD	UD	UD	UD	UD	UD
MW-23		Oct. '00	11 D	5 D	0.31 D	0.005 JD	U	0.059 D	UD	UD	UD
MW-23		Nov. '03	1.6 D	1.8 D	0.200 D	0.020 UD	0.020 UD	0.025 D	0.020 UD	0.020 UD	0.020 UD
MW-23		Mar. '06	5.5 D	2.5 D	0.21 D	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD
MW-23		Oct. '06	5.7 D	NA	0.200 UD	0.100 UD	NA	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-23		Apr. '07	7.2 D	NA	0.250 D	0.100 UD	NA	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-23		Oct. '07	5.0 D	NA	0.180 D	0.050 UD	NA	0.022 JD	0.050 UD	0.050 UD	0.050 UD
MW-23 Dup (RT-9)		Oct. '07	5.7 D	NA	0.220 D	0.100 UD	NA	0.024 JD	0.100 UD	0.100 UD	0.100 UD
MW-23		Apr. '08	4.9 D	NA	0.160 D	0.040 UD	NA	0.040 UD	0.040 UD	0.040 UD	0.040 UD
MW-23		Sep. '08	3.3 D	NA	0.065 D	0.012 UD	NA	0.0091 JD	0.012 UD	0.012 UD	0.012 UD
MW-23 DUP (926/0810039-07)		Sep. '08	3.5 D	NA	0.048 D	0.012 UD	NA	0.009 JD	0.012 UD	0.012 UD	0.012 UD
MW-23		May. '09	0.630 D	0.300 D	0.023 D	0.010 UD	0.010 UD	0.0025 JD	0.010 UD	0.010 UD	0.010 UD
MW-23		Oct. '09	3.6 D	NA	0.088 D	0.025 UD	NA	0.0096 JD	0.025 UD	0.025 UD	0.0029 JD
MW-23		Apr. '10	3.26 D	1.9 D	0.110 D	0.020 UD	0.020 UD	0.0112 JD	0.020 UD	0.020 UD	0.020 UD
MW-23		May. '11	11.0 D	3.8 D	0.330 UD	0.330 UD	0.330 UD	0.330 UD	0.330 UD	0.330 UD	0.330 UD
MW-23		May. '12	14.0 D	4.5 D	0.710 UD	0.710 UD	0.710 UD	0.710 UD	0.710 UD	0.710 UD	0.710 UD
MW-23		May. '13	6.5 JD	1.6 D	0.200 UD	0.200 UD	0.200 UD	0.200 UD	0.200 UD	0.200 UD	0.200 UD
<b>MW-23</b>		<b>May. '14</b>	<b>0.410 D</b>	<b>0.280 D</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>
MW-24	Upper	Jan. '93	11 D	9.5 D	UD	UD	UD	UD	0.66 D	UD	0.63 JD
MW-24		Feb. '93	4.4 JD	12 D	UD	UD	UD	UD	0.15 D	UD	UD
MW-25	Upper	Jan. '93	360 D	160 E*	UD	UD	UD	UD	UD	UD	UD
MW-25		Feb. '93	240 D	77 E*	12 D	UD	UD	UD	UD	UD	UD
MW-25		Oct. '00	130 D	36 D	2.2 JD	0.28	0.028	0.81 D	0.36	0.76	0.0032 J
MW-25		Nov. '03	280 D	64 D	7.0 D	0.330 JD	1.0 UD	0.690 JD	0.440 JD	1.0 UD	1.0 UD
MW-25		Mar. '06	42 D	1.7 D	1 UD	0.500 UD	0.500 UD	0.500 UD	0.500 UD	0.500 UD	0.500 UD
MW-25		Apr. '08	79 D	25 D	1.2 D	0.096	0.0071	0.240 JD	0.120	0.030	0.001
MW-25		Apr. '10	3.67 D	0.276 D	0.00486 JD	0.00247 JD	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
MW-25		May. '12	25 D	4.1 D	1.000 UD	1.000 UD	1.000 UD	1.000 UD	1.000 UD	1.000 UD	1.000 UD
<b>MW-25</b>		<b>May. '14</b>	<b>73 D</b>	<b>13.0 D</b>	<b>1.300 UD</b>	<b>1.300 UD</b>	<b>1.300 UD</b>	<b>1.300 UD</b>	<b>1.300 UD</b>	<b>1.300 UD</b>	<b>1.300 UD</b>

TABLE 3-2. Results for VOCs Detected In Groundwater

Well Name	Well Type	Sample Date	cis-1,2-Dichloro-								
			Trichloroethene (mg/L)	ethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloro- ethene (mg/L)	1,2-Dichloro- ethane (mg/L)	1,1-Dichloro- ethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloro- ethane (mg/L)	Benzene (mg/L)
USEPA MCL			0.005	0.07	0.002	0.005	0.005	0.007	1	0.005	0.005
MW-41	Upper	Nov. '03	7.6 D	10 D	3.2 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-41		Mar. '05	0.020 UD	1.6 D	0.360 D	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD
MW-41		Nov. '05	0.020 UD	1.7 D	0.300 D	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD
MW-41		Mar. '06	0.025 UD	2.7 D	0.420 D	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD
MW-41		Jun. '06	0.001 U	0.046	0.015	0.001 U	0.0018	0.001 U	0.001 U	0.001 U	0.0035
MW-41		Oct. '06	0.001 U	0.012	0.0027	0.001 U	0.0012	0.001 U	0.001 U	0.001 U	0.0079
MW-41		Apr. '07	0.00068 J	0.0026	0.00052 J	0.001 U	0.00049 J	0.001 U	0.00030 J	0.001 U	0.0028
MW-41		Oct. '07	0.0017 JD	0.300 D	0.046 D	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.0036 JD
MW-41		Apr. '08	0.001 U	0.0013	0.018	0.001 U	0.00068 J	0.001 U	0.00019 J	0.001 U	0.0051
MW-41		Sep. '08	0.00071 J	0.0210	0.0042	0.001 U	0.0015	0.001 U	0.00035 J	0.001 U	0.0082
MW-41		May. '09	0.00036 J	0.0099	0.014	0.001 U	0.00012 J	0.001 U	0.00011 J	0.001 U	0.0015
MW-41		Oct. '09	0.00070 J	0.0053	0.0084	0.001 U	0.00054 J	0.001 U	0.00018 J	0.001 U	0.0046
MW-41		Apr. '10	0.050 UD	3.99 D	2.44 D	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD
MW-41		Oct. '10	0.001 U	0.0265	0.0104	0.001 U	0.001 U	0.001 U	0.000273 J	0.001 U	0.00352
MW-41		May. '11	0.0083 UD	0.360 D	0.260 D	0.0083 UD	0.0083 UD	0.0083 UD	0.0083 UD	0.0083 UD	0.0083 UD
MW-41		Oct. '11	0.010 UD	2.7 D	1.4 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-41		May. '12	0.250 UD	6.4	1.9	0.250 UD	0.250 UD	0.250 UD	0.250 UD	0.250 UD	0.250 UD
MW-41		Oct. '12	0.004 UDJ	0.082	0.070	0.004 UD	0.004 UD	0.004 UD	0.004 UD	0.004 UD	0.004 UD
MW-41		May. '13	0.014 UD	0.370 D	0.160 D	0.014 UD	0.014 UD	0.014 UD	0.014 UD	0.014 UD	0.014 UD
MW-41 (Dup)		May. '13	0.014 UD	0.330 D	0.140 D	0.014 UD	0.014 UD	0.014 UD	0.014 UD	0.014 UD	0.014 UD
MW-41		Nov. '13	0.050 UD	0.800 D	0.140 D	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD
<b>MW-41</b>		<b>May. '14</b>	<b>0.050 UD</b>	<b>4.500 D</b>	<b>1.100 D</b>	<b>0.050 UD</b>	<b>0.050 UD</b>	<b>0.050 UD</b>	<b>0.050 UD</b>	<b>0.050 UD</b>	<b>0.050 UD</b>
<b>MW-41</b>		<b>Nov. '14</b>	<b>0.020 UD</b>	<b>0.580 D</b>	<b>0.180 D</b>	<b>0.020 UD</b>	<b>0.020 UD</b>	<b>0.020 UD</b>	<b>0.020 UD</b>	<b>0.020 UD</b>	<b>0.020 UD</b>
MW-42	Lower	Nov. '03	6.7 D	12 D	8.2 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-42		Mar. '05	7.6 D	18 D	0.540 D	0.100 UD	0.100 UD	0.059 JD	0.100 UD	0.100 UD	0.100 UD
MW-42		Nov. '05	0.100 UD	7.1 D	2.8 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-42		Mar. '06	0.025 UD	2.7 D	3.6 D	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD
MW-42		Jun. '06	0.005 UD	0.450 D	0.640 D	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
MW-42		Oct. '06	0.001 U	0.096	0.064	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-42		Apr. '07	0.0016	0.022	0.100	0.001 U	0.001 U	0.001 U	0.00039 J	0.001 U	0.001
MW-42		Oct. '07	0.010 JD	0.080 D	0.530 D	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD
MW-42		Apr. '08	0.0026 D	0.090 D	0.370 D	0.002 UD	0.002 UD	0.002 UD	0.002 UD	0.002 UD	0.0012 JD
MW-42		Sep. '08	0.0012	0.053	0.280 D	0.001 U	0.001 U	0.001 U	0.00060 J	0.001 U	0.0017
MW-42		May. '09	0.005 UD	0.150 D	0.360 D	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.0015 JD
MW-42		Oct. '09	0.0064	0.180	0.270 D	0.001 U	0.001 U	0.001 U	0.00035 J	0.001 U	0.0025
MW-42		Apr. '10	0.0055 JD	0.522 D	1.330 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.00797 JD
MW-42		Oct. '10	0.00617 JD	0.305 D	0.379 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.00148 JD
MW-42		May. '11	0.025 UD	0.450 D	1.3 D	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD
MW-42		Oct. '11	0.0024	0.450 D	1.400 D	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0024
MW-42		May. '12	0.029 UD	0.43 D	1.1 D	0.029 UD	0.029 UD	0.029 UD	0.029 UD	0.029 UD	0.029 UD
MW-42		Oct. '12	0.025 UDJ	0.31 D	0.66 D	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD
MW-42		May. '13	0.025 UD	0.180 D	0.610 D	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD
MW-42		Nov. '13	0.100 UDJ	0.720 D	0.940 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
<b>MW-42</b>		<b>May. '14</b>	<b>0.005 UD</b>	<b>0.200 D</b>	<b>0.480 D</b>	<b>0.005 UD</b>	<b>0.005 UD</b>	<b>0.005 UD</b>	<b>0.005 UD</b>	<b>0.005 UD</b>	<b>0.005 UD</b>
<b>MW-42</b>		<b>Nov. '14</b>	<b>0.022 UD</b>	<b>0.350 D</b>	<b>0.650 D</b>	<b>0.022 UD</b>	<b>0.022 UD</b>	<b>0.022 UD</b>	<b>0.022 UD</b>	<b>0.022 UD</b>	<b>0.022 UD</b>

**TABLE 3-2. Results for VOCs Detected In Groundwater**

Well Name	Well Type	Sample Date	USEPA MCL								
			Trichloroethene (mg/L)	cis-1,2-Dichloroethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloroethene (mg/L)	1,2-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloroethane (mg/L)	Benzene (mg/L)
			0.005	0.07	0.002	0.005	0.005	0.007	1	0.005	0.005
MW-43	PRB Upper	Mar. '05	0.001 U	0.019	0.0037	0.001 U	0.0019	0.001 U	0.001 U	0.001 U	0.0012
MW-43 Diff		Nov. '05	0.001 U	0.001 U	0.002 U	0.001 U	0.0025	0.001 U	0.001 U	0.001 U	0.0058
MW-43 (Diffuse Bag)		Apr. '06	0.001 U	0.001 U	0.002 U	0.001 U	0.002	0.001 U	0.001 U	0.001 U	0.0087
MW-43S (Std. Low Purge)		Jun. '06	0.001 U	0.0067	0.002 U	0.001 U	0.002	0.001 U	0.001 U	0.001 U	0.0074
MW-43D		Jun. '06	0.001 U	0.001 U	0.002 U	0.001 U	0.0021	0.001 U	0.001 U	0.001 U	0.0072
MW-43 Diff		Oct. '06	0.001 U	0.001 U	0.002 U	0.001 U	0.002	0.001 U	0.001 U	0.001 U	0.011
MW-43 Dup (MW-AC)		Oct. '06	0.001 U	0.001 U	0.002 U	0.001 U	0.0013	0.001 U	0.001 U	0.001 U	0.0062
MW-43 (Diffusion Bag)		May. '07	0.001 U	0.013	0.0043	0.001 U	0.0013	0.001 U	0.00019 J	0.001 U	0.0063
MW-43		Oct. '07	0.001 U	0.0032	0.00034 J	0.001 U	0.001	0.001 U	0.00042 J	0.001 U	0.006
MW-43		Apr. '08	0.00043 JB	0.014	0.0066	0.001 U	0.0017	0.001 U	0.00042 J	0.001 U	0.0076
MW-43		Sep. '08	0.001 U	0.001 U	0.002 U	0.001 U	0.00096 J	0.001 U	0.00088 J	0.001 U	0.0074
MW-43		May. '09	0.001 U	0.0031	0.0017 J	0.001 U	0.00073 J	0.001 U	0.00042 J	0.001 U	0.0061
MW-43		Oct. '09	0.001 U	0.00092 J	0.00094 J	0.001 U	0.0012	0.001 U	0.00048 J	0.001 U	0.0072
MW-43		Apr. '10	0.001 U	0.000710 J	0.000767 J	0.001 U	0.000613 J	0.001 U	0.001 U	0.001 U	0.00501
MW-43		Oct. '10	0.001 U	0.0014	0.00179	0.001 U	0.000674 J	0.001 U	0.000709 J	0.001 U	0.00541
MW-43		May. '11	0.001 U	0.0013	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025
MW-43		Oct. '11	0.001 U	0.0019	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004
MW-43		May. '12	0.001 U	0.021	0.0062	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0036
MW-43		Oct. '12	0.001 UJ	0.0015 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0038
MW-43		May. '13	0.0033 UD	0.089 D	0.014 D	0.0033 UD	0.0033 UD	0.0033 UD	0.0033 UD	0.0033 UD	0.0033 UD
MW-43		Nov '13	0.013 UDJ	0.190 D	0.037 D	0.013 UD	0.013 UD	0.013 UD	0.013 UD	0.013 UD	0.013 UD
<b>MW-43</b>		<b>May. '14</b>	<b>0.017 UD</b>	<b>0.980 D</b>	<b>0.130 D</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>
<b>MW-43</b>		<b>Nov. '14</b>	<b>0.013 UD</b>	<b>0.390 D</b>	<b>0.096 D</b>	<b>0.013 UD</b>	<b>0.013 UD</b>	<b>0.013 UD</b>	<b>0.013 UD</b>	<b>0.013 UD</b>	<b>0.013 UD</b>
<b>MW-43 Dup</b>		<b>Nov. '14</b>	<b>0.013 UD</b>	<b>0.380 D</b>	<b>0.090 D</b>	<b>0.013 UD</b>	<b>0.013 UD</b>	<b>0.013 UD</b>	<b>0.013 UD</b>	<b>0.013 UD</b>	<b>0.013 UD</b>

TABLE 3-2. Results for VOCs Detected In Groundwater

Well Name	Well Type	Sample Date	cis-1,2-Dichloro-								
			Trichloroethene (mg/L)	ethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloro- ethene (mg/L)	1,2-Dichloro- ethane (mg/L)	1,1-Dichloro- ethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloro- ethane (mg/L)	Benzene (mg/L)
		USEPA MCL	0.005	0.07	0.002	0.005	0.005	0.007	1	0.005	0.005
MW-44	PRB Lower	Mar. '05	0.001 U	0.160	0.022	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001
MW-44 DUP		Mar. '05	0.001 U	0.140	0.019	0.001 U	0.00054 J	0.001 U	0.001 U	0.001 U	0.00094 J
MW-44		Nov. '05	0.001 U	0.031	0.0031	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0014
MW-44 Diff		Nov. '05	0.001 U	0.032	0.0029	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0014
MW-44 (Diffuse Bag)		Apr. '06	0.001 U	1.1 D	0.160	0.001 U	0.001 U	0.0012	0.001 U	0.001 U	0.0018
MW-44 DUP (MW-F)		Apr. '06	0.001 U	1.2 D	0.190	0.001 U	0.001 U	0.0015	0.001 U	0.001 U	0.0019
MW-44S (Std. Low Purge)		Jun. '06	0.010 UD	1.4 D	0.081 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-44D		Jun. '06	0.010 UD	2 D	0.130 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-44 Diff		Oct. '06	0.025 UD	2.8 D	0.220 D	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD
MW-44		Oct. '06	0.050 UD	3.4 D	0.230 D	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD
MW-44 (Diffuse Bag)		May. '07	0.001 U	1.3 D	0.160	0.001 U	0.00056 J	0.00051 J	0.001 U	0.001 U	0.0021
MW-44		Oct. '07	0.001 U	0.120	0.110	0.001 U	0.00022 J	0.001 U	0.001 U	0.001 U	0.0014
MW-44		Apr. '08	0.001 U	0.047	0.0094	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00044 J
MW-44		Sep. '08	0.00023 J	0.017	0.0047	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00054 J
MW-44		May. '09	0.001 U	0.0062	0.0086	0.001 U	0.00024 J	0.001 U	0.00022 J	0.001 U	0.002
MW-44		Oct. '09	0.001 U	0.009	0.020	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002
MW-44		Apr. '10	0.001 U	0.00585	0.0479 X	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00225
MW-44		Oct. '10	0.001 U	0.0017	0.00478	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00204
MW-44		May. '11	0.0012	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-44		Oct. '11	0.001 U	0.0026	0.0017	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002
MW-44		May. '12	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0019
MW-44		Oct. '12	0.001 U	0.013	0.0056	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0016
MW-44		May. '13	0.0013 UD	0.0098 D	0.033 D	0.0013 UD	0.0013 UD	0.0013 UD	0.0013 UD	0.0013 UD	0.0013 UD
MW-44		Nov. '13	0.005 UDJ	0.089 D	0.033 D	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
<b>MW-44</b>		<b>May. '14</b>	<b>0.004 UD</b>	<b>0.340 D</b>	<b>0.120 D</b>	<b>0.004 UD</b>	<b>0.004 UD</b>	<b>0.004 UD</b>	<b>0.004 UD</b>	<b>0.004 UD</b>	<b>0.004 UD</b>
<b>MW-44 Dup</b>		<b>May. '14</b>	<b>0.0067 UD</b>	<b>0.270 D</b>	<b>0.097 D</b>	<b>0.0067 UD</b>	<b>0.0067 UD</b>	<b>0.0067 UD</b>	<b>0.0067 UD</b>	<b>0.0067 UD</b>	<b>0.0067 UD</b>
<b>MW-44</b>		<b>Nov. '14</b>	<b>0.005 UD</b>	<b>0.130 D</b>	<b>0.071 D</b>	<b>0.005 UD</b>	<b>0.005 UD</b>	<b>0.005 UD</b>	<b>0.005 UD</b>	<b>0.005 UD</b>	<b>0.005 UD</b>

**TABLE 3-2. Results for VOCS Detected In Groundwater**

Well Name	Well Type	Sample Date	cis-1,2-Dichloro-								Benzene
			Trichloroethene (mg/L)	ethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloro- ethene (mg/L)	1,2-Dichloro- ethane (mg/L)	1,1-Dichloro- ethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloro- ethane (mg/L)	
		USEPA MCL	0.005	0.07	0.002	0.005	0.005	0.007	1	0.005	0.005
MW-45	Upper	Nov. '03	15 D	12 D	0.84 D	0.037 JD	0.100 UD	0.063 JD	0.100 UD	0.100 UD	0.100 UD
MW-45		Mar. '05	15 D	13 D	4.1 D	0.040 JD	0.100 UD	0.062 JD	0.100 UD	0.100 UD	0.100 UD
MW-45		Nov. '05	11 D	12 D	1.5 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-45		Mar. '06	11 D	14 D	3.6 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-45		Jun. '06	11 D	10 D	1.5 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-45		Oct. '06	8.6 D	11 D	1.1 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-45		Apr. '07	13 D	20 D	3.6 D	0.018 JD	0.100 UD	0.048 JD	0.100 UD	0.100 UD	0.100 UD
MW-45		Oct. '07	9.1 D	12 D	1.6 D	0.013 JD	0.100 UD	0.029 JD	0.100 UD	0.100 UD	0.100 UD
MW-45		Apr. '08	12 D	18 D	3.0 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-45		Sep. '08	11 D	16 D	1.9 D	0.200 UD	0.200 UD	0.038 JD	0.200 UD	0.200 UD	0.200 UD
MW-45		May. '09	12 D	19 D	2.7 D	0.018 JD	0.100 UD	0.036 JD	0.024 JD	0.100 UD	0.100 UD
MW-45		Oct. '09	7.0 D	9.3 D	1.3 D	0.013 JD	0.050 UD	0.028 JD	0.050 UD	0.050 UD	0.050 UD
MW-45		Apr. '10	15.6 D	19.2 D	8.49 D	0.100 UD	0.100 UD	0.0529 JD	0.100 UD	0.100 UD	0.100 UD
MW-45		Oct. '10	10.3 D	17.4 D	5.03 D	0.0185 JD	0.100 UD	0.0424 JD	0.100 UD	0.100 UD	0.100 UD
MW-45		May. '11	25.0 D	26.0 D	2.30 D	0.400 UD	0.400 UD	0.400 UD	0.400 UD	0.400 UD	0.400 UD
MW-45		Oct. '11	11.0 D	24.0 D	1.70 D	0.050 UD	0.050 UD	0.053 D	0.050 UD	0.050 UD	0.050 UD
MW-45 (DUP)		May. '12	24.0 D	28.0 D	1.70 D	1.000 UD	1.000 UD	1.000 UD	1.000 UD	1.000 UD	1.000 UD
MW-45		May. '12	26.0 D	30.0 D	1.80 D	1.000 UD	1.000 UD	1.000 UD	1.000 UD	1.000 UD	1.000 UD
MW-45		Oct. '12	17.0 D	23.0 D	1.40 D	0.830 UD	0.830 UD	0.830 UD	0.830 UD	0.830 UD	0.830 UD
MW-45		May. '13	17.0 D	25.0 D	2.100 D	1.000 UD	2.100 D	1.000 UD	1.000 UD	1.000 UD	1.000 UD
MW-45		Nov '13	9.1 D	13.0 D	1.000 D	0.500 UD	1.000 D	0.500 UD	0.500 UD	0.500 UD	0.500 UD
<b>MW-45</b>		<b>May. '14</b>	<b>13.0 D</b>	<b>19.0 D</b>	<b>1.900 D</b>	<b>1.000 UD</b>	<b>1.000 UD</b>	<b>1.000 UD</b>	<b>1.000 UD</b>	<b>1.000 UD</b>	<b>1.000 UD</b>
<b>MW-45</b>		<b>Nov. '14</b>	<b>10.0 D</b>	<b>11.0 D</b>	<b>1.600 D</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>

**TABLE 3-2. Results for VOCs Detected In Groundwater**

Well Name	Well Type	Sample Date	USEPA MCL								
			Trichloroethene (mg/L)	cis-1,2-Dichloroethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloroethene (mg/L)	1,2-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloroethane (mg/L)	Benzene (mg/L)
			0.005	0.07	0.002	0.005	0.005	0.007	1	0.005	0.005
MW-46	Lower	Nov. '03	11 D	7.9 D	0.580 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-46		Mar. '05	15 D	8.3 D	0.530 D	0.100 UD	0.100 UD	0.038 JD	0.100 UD	0.100 UD	0.100 UD
MW-46		Nov. '05	14 D	7.0 D	0.520 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-46		Mar. '06	13 D	8.3 D	0.430 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-46		Jun. '06	11 D	7.2 D	0.220 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-46		Oct. '06	11 D	6.7 D	0.390 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-46		Apr. '07	8.3 D	5.2 D	0.099 JD	0.014 JD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-46		Oct. '07	11 D	6.0 D	0.340 D	0.017 JD	0.100 UD	0.034 D	0.100 UD	0.100 UD	0.100 UD
MW-46		Apr. '08	7.7 D	4.6 D	0.180 D	0.012 JD	0.050 UD	0.024 JD	0.050 UD	0.050 UD	0.050 UD
MW-46		Sep. '08	8.4 D	5.1 D	0.220 D	0.011 JD	0.100 UD	0.015 JD	0.100 UD	0.100 UD	0.100 UD
MW-46 DUP (DUP-923)		Sep. '08	8.7 D	5.3 D	0.210 D	0.100 UD	0.100 UD	0.015 JD	0.100 UD	0.100 UD	0.100 UD
MW-46		May. '09	6.6 D	4.5 D	0.089 JD	0.0077 JD	0.050 UD	0.016 JD	0.050 UD	0.050 UD	0.050 UD
MW-46		Oct. '09	5.8 D	4.2 D	0.100 D	0.011 JD	0.050 UD	0.024 JD	0.050 UD	0.050 UD	0.013 JD
MW-46		Apr. '10	1.38 D	0.893 D	0.00433 JD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-46 DUP 040710		Apr. '10	6.57 D	4.29 D	0.0115 JD	0.00607 JD	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD
MW-46		Oct. '10	7.17 D	4.39 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-46		May. '11	3.90 D	2.10 D	0.083 UD	0.083 UD	0.083 UD	0.083 UD	0.083 UD	0.083 UD	0.083 UD
MW-46 DUP051111		May. '11	3.60 D	2.00 D	0.083 UD	0.083 UD	0.083 UD	0.083 UD	0.083 UD	0.083 UD	0.083 UD
MW-46		Oct. '11	5.10 D	3.20 D	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD
MW-46 DUP 101911		Oct. '11	5.00 D	3.10 D	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD
MW-46		May. '12	5.00 D	3.00 D	0.170 UD	0.170 UD	0.170 UD	0.170 UD	0.170 UD	0.170 UD	0.170 UD
MW-46		Oct. '12	8.00 D	3.70 D	0.420 UD	0.420 UD	0.420 UD	0.420 UD	0.420 UD	0.420 UD	0.420 UD
MW-46		May. '13	6.50 D	2.70 D	0.200 UD	0.200 UD	0.200 UD	0.200 UD	0.200 UD	0.200 UD	0.200 UD
MW-46		Nov '13	6.50 D	3.80 D	0.420 UD	0.420 UD	0.420 UD	0.420 UD	0.420 UD	0.420 UD	0.420 UD
<b>MW-46</b>		<b>May. '14</b>	<b>6.30 D</b>	<b>3.00 D</b>	<b>0.200 UD</b>	<b>0.200 UD</b>	<b>0.200 UD</b>	<b>0.200 UD</b>	<b>0.200 UD</b>	<b>0.200 UD</b>	<b>0.200 UD</b>
<b>MW-46</b>		<b>Nov. '14</b>	<b>7.40 D</b>	<b>3.00 D</b>	<b>0.330 UD</b>	<b>0.330 UD</b>	<b>0.330 UD</b>	<b>0.330 UD</b>	<b>0.330 UD</b>	<b>0.330 UD</b>	<b>0.330 UD</b>

TABLE 3-2. Results for VOCs Detected In Groundwater

Well Name	Well Type	Sample Date	cis-1,2-Dichloro-		Vinyl Chloride	Tetrachloro-	1,2-Dichloro-	1,1-Dichloro-	1,1,2-Trichloro-		Benzene
			Trichloroethene	ethene*					ethane	ethane	
USEPA MCL			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-47	Upper	Nov. '03	0.00068 J	0.003	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-47		Mar. '05	0.0011	0.0039	0.002 U	0.001 U	0.001 U	0.001 U	0.00024 J	0.001 U	0.00034 J
MW-47		Nov. '05	0.001 U	0.0046	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-47		Mar. '06	0.001 U	0.0033	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-47		Oct. '06	0.001 U	0.0016	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-47		Apr. '07	0.00023 J	0.0021	0.00093 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00045 J
MW-47 DUP (MW-JT)		Apr. '07	0.00028 J	0.0020	0.00093 J	0.001 U	0.001 U	0.001 U	0.00018 J	0.001 U	0.00046 J
MW-47		Oct. '07	0.00029 J	0.0010	0.00037 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00034 J
MW-47		Apr. '08	0.001 U	0.00058 J	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00018 J
MW-47		Sep. '08	0.0011	0.0013	0.002 U	0.001 U	0.001 U	0.001 U	0.001	0.001 U	0.00041 J
MW-47		May. '09	0.00023 J	0.0014	0.00028 J	0.001 U	0.001 U	0.001 U	0.00010 J	0.001 U	0.00042 J
MW-47		Nov. '09	0.001 U	0.00076 J	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00038 J
MW-47		Apr. '10	0.001 U	0.000788 J	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.000544 J
MW-47		Oct. '10	0.000512 J	0.0022	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.000429 J
MW-47		May. '11	0.001 U	0.0014	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-47		Oct. '11	0.001 U	0.0023	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-47		May. '12	0.001 U	0.0037	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-47		Oct. '12	0.002 J	0.0036 J	0.0019	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-47		May. '13	0.004 UD	0.110 D	0.046 D	0.004 UD	0.004 UD	0.004 UD	0.004 UD	0.004 UD	0.004 UD
MW-47		Nov. '13	0.002	0.027	0.014	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
<b>MW-47</b>		<b>May. '14</b>	<b>0.0056</b>	<b>0.034</b>	<b>0.015</b>	<b>0.0014 U</b>	<b>0.0014 U</b>	<b>0.0014 U</b>	<b>0.0014 U</b>	<b>0.0014 U</b>	<b>0.0014 U</b>
<b>MW-47</b>		<b>Nov. '14</b>	<b>0.0023</b>	<b>0.024</b>	<b>0.011</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>
MW-48	Lower	Nov. '03	0.39 D	0.470 D	0.002 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
MW-48		Mar. '05	0.0038 JD	0.590 D	0.0065 JD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
MW-48		Nov. '05	0.001 U	0.093	0.190	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-48		Mar. '06	0.002	0.0091	0.017	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-48		Oct. '06	0.110	1 D	0.180 D	0.001 U	0.001 U	0.0043	0.001 U	0.001 U	0.001 U
MW-48		Apr. '07	0.0064	0.320 D	0.0031	0.001 U	0.001 U	0.0011	0.00017 J	0.001 U	0.00028 J
MW-48		Oct. '07	0.950 D	5.4 D	0.510 D	0.0015	0.00079 J	0.018	0.001 U	0.001 U	0.0016
MW-48		Apr. '08	0.0044 D	0.340 D	0.0032 JD	0.004 UD	0.004 UD	0.004 UD	0.004 UD	0.004 UD	0.004 UD
MW-48		Sep. '08	0.0056 D	0.390 D	0.065 D	0.005 UD	0.005 UD	0.002 JD	0.005 UD	0.005 UD	0.005 UD
MW-48		May. '09	0.320 D	2.4 D	0.510 D	0.020 UD	0.020 UD	0.010 JD	0.020 UD	0.020 UD	0.020 UD
MW-48		Nov. '09	0.017	0.300 D	0.150	0.001 U	0.00036 J	0.0023	0.00015 J	0.001 U	0.0014
MW-48		Apr. '10	0.514 D	2.1 D	0.141 D	0.020 UD	0.020 UD	0.0067 JD	0.020 UD	0.020 UD	0.020 UD
MW-48		Oct. '10	0.121 D	1.02 D	0.226 D	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD
MW-48		May. '11	0.260 D	1.30 D	0.390 D	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD
MW-48		Oct. '11	0.034 D	1.70 D	0.350 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-48		May. '12	0.280 D	0.87 D	0.110 D	0.013 UD	0.013 UD	0.013 UD	0.013 UD	0.013 UD	0.013 UD
MW-48		Oct. '12	4.600 D	5.40 D	0.520 D	0.330 UD	0.330 UD	0.330 UD	0.330 UD	0.330 UD	0.330 UD
MW-48 (DUP)		Oct. '12	3.800 D	5.00 D	0.480 D	0.330 UD	0.330 UD	0.330 UD	0.330 UD	0.330 UD	0.330 UD
MW-48		May. '13	6.100 D	2.60 D	0.280 D	0.200 UD	0.200 UD	0.200 UD	0.200 UD	0.200 UD	0.200 UD
MW-48		Nov. '13	0.570 D	3.40 D	0.820 D	0.200 UD	0.200 UD	0.200 UD	0.200 UD	0.200 UD	0.200 UD
<b>MW-48</b>		<b>May. '14</b>	<b>8.300 D</b>	<b>2.50 D</b>	<b>0.290 D</b>	<b>0.130 UD</b>	<b>0.130 UD</b>	<b>0.130 UD</b>	<b>0.130 UD</b>	<b>0.130 UD</b>	<b>0.130 UD</b>
<b>MW-48</b>		<b>Nov. '14</b>	<b>6.100 D</b>	<b>2.50 D</b>	<b>0.280 D</b>	<b>0.250 UD</b>	<b>0.250 UD</b>	<b>0.250 UD</b>	<b>0.250 UD</b>	<b>0.250 UD</b>	<b>0.250 UD</b>

TABLE 3-2. Results for VOCs Detected In Groundwater

Well Name	Well Type	Sample Date	USEPA MCL								
			Trichloroethene (mg/L)	cis-1,2-Dichloro- ethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloro- ethene (mg/L)	1,2-Dichloro- ethane (mg/L)	1,1-Dichloro- ethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloro- ethane (mg/L)	Benzene (mg/L)
			0.005	0.07	0.002	0.005	0.005	0.007	1	0.005	0.005
MW-49	PRB Lower	Mar. '05	0.510 D	0.720 D	0.050 D	0.005 UD	0.005 UD	0.003 JD	0.005 UD	0.005 UD	0.005 UD
MW-49 Diff		Nov. '05	0.010 UD	0.550 D	0.020 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-49 (Diffuse Bag)		Apr. '06	0.005 UD	0.290 D	0.011 D	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
MW-49 Diff		Oct. '06	0.005 UD	0.560 D	0.010 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
MW-49 (Diffusion Bag)		May. '07	0.005 UD	0.640 D	0.010 D	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
MW-49 Dup (MW-80)		May. '07	0.010 UD	0.630 D	0.0088 JD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-49		Oct. '07	0.001 U	0.021	0.00042 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00053 J
MW-49		Apr. '08	0.0018	0.880 D	0.036	0.001 U	0.00028 J	0.0019	0.00024 J	0.001 U	0.0012
MW-49 DUP (DUP-430)		Apr. '08	0.078	1.3 D	0.055	0.00019 J	0.00047 J	0.0031	0.00040 J	0.001 U	0.0017
MW-49		Sep. '08	0.005 UD	0.660 D	0.016 D	0.005 UD	0.005 UD	0.00090 JD	0.003 JD	0.005 UD	0.00092 JD
MW-49 DUP (926/0810039-01)		Sep. '08	0.005 UD	NA	0.019 D	0.005 UD	NA	0.00073 JD	0.005 UD	0.005 UD	0.00087 JD
MW-49		May. '09	0.010 D	1.2 D	0.059 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-49		Oct. '09	0.014	1.2 D	0.110	0.001 U	0.00055 J	0.0037	0.00034 J	0.001 U	0.0021
MW-49		Apr. '10	0.010 UD	1.15 D	0.453 XD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-49		Oct. '10	0.010 UD	0.503 D	0.104 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-49		May. '11	0.014 UD	0.470 D	0.120 D	0.014 UD	0.014 UD	0.014 UD	0.014 UD	0.014 UD	0.014 UD
MW-49		Oct. '11	0.001 U	0.320	0.100	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-49		May. '12	0.047 D	0.240 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-49		Oct. '12	0.001 UJ	0.012	0.0044	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-49		May. '13	0.033 UD	0.970 D	0.460 D	0.330 UD	0.330 UD	0.330 UD	0.330 UD	0.330 UD	0.330 UD
MW-49		Nov '13	0.013 UDJ	0.300 D	0.310 D	0.130 UD	0.130 UD	0.130 UD	0.130 UD	0.130 UD	0.130 UD
<b>MW-49</b>		<b>May. '14</b>	<b>0.013 UD</b>	<b>0.930 D</b>	<b>0.500 D</b>	<b>0.013 UD</b>	<b>0.013 UD</b>	<b>0.013 UD</b>	<b>0.130 UD</b>	<b>0.013 UD</b>	<b>0.013 UD</b>
<b>MW-49</b>		<b>Nov. '14</b>	<b>0.017 UD</b>	<b>0.530 D</b>	<b>0.400 D</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>	<b>0.017 UD</b>
MW-50	PRB Upper	Mar. '05	0.001 U	0.0071	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-50 Diff		Nov. '05	0.001 U	0.0017	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-50 (Diffuse Bag)		Apr. '06	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-50 Diff		Oct. '06	0.001 U	0.0018	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-50 (Diffusion Bag)		May. '07	0.001 U	0.0017	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00030 J
MW-50		Oct. '07	0.005 UD	0.300 D	0.011 D	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.0019 JD
MW-50		Apr. '08	0.00077 J	0.044	0.00032 J	0.001 U	0.001 U	0.00018 J	0.001 U	0.001 U	0.00042 J
MW-50		Sep. '08	0.001 U	0.110	0.00090 J	0.001 U	0.001 U	0.00028 J	0.00077 J	0.001 U	0.00065 J
MW-50		May. '09	0.002	0.084	0.00069 J	0.001 U	0.001 U	0.001 U	0.00040 J	0.001 U	0.00066 J
MW-50		Oct. '09	0.0029	0.070	0.00089 J	0.001 U	0.001 U	0.00026 J	0.00044 J	0.001 U	0.0011
MW-50		Apr. '10	0.191	0.0175	0.000779 J	0.001 U	0.001 U	0.001 U	0.00097 J	0.001 U	0.00092 J
MW-50		Oct. '10	0.005 U	0.236 D	0.00855 D	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.00105 JD
MW-50		May. '11	0.060 D	0.980 D	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD	0.050 UD
MW-50		Oct. '11	0.038 D	1.1 D	0.0065 D	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
MW-50		May. '12	0.140 UD	3.0 D	1.6 D	0.140 UD	0.140 UD	0.140 UD	0.140 UD	0.140 UD	0.140 UD
MW-50		Oct. '12	0.083 D	0.46 D	0.18 D	0.014 UD	0.014 UD	0.014 UD	0.014 UD	0.014 UD	0.014 UD
MW-50		May. '13	0.029 J	0.015 DJ	0.003	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-50		Nov '13	0.018 JD	0.063 D	0.046 D	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
<b>MW-50</b>		<b>May. '14</b>	<b>0.005</b>	<b>0.023</b>	<b>0.0064</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>
<b>MW-50</b>		<b>Nov. '14</b>	<b>0.011</b>	<b>0.033</b>	<b>0.021</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>

TABLE 3-2. Results for VOCs Detected In Groundwater

Well Name	Well Type	Sample Date	cis-1,2-Dichloro-								
			Trichloroethene (mg/L)	ethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloro- ethene (mg/L)	1,2-Dichloro- ethane (mg/L)	1,1-Dichloro- ethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloro- ethane (mg/L)	Benzene (mg/L)
		USEPA MCL	0.005	0.07	0.002	0.005	0.005	0.007	1	0.005	0.005
MW-51	Upper	Nov. '03	0.026	0.043	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-51		Mar. '05	0.0074	0.0095	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-51		Nov. '05	0.026	0.041	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-51		Mar. '06	0.089	0.120	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-51		Oct. '06	0.180	0.150	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-51		Apr. '07	2.3 D	0.760 D	0.0011 J	0.0038	0.00015 J	0.0037	0.001 U	0.00036 J	0.00025 J
MW-51		Oct. '07	0.310 D	0.180	0.002 U	0.00062 J	0.001 U	0.00081 J	0.001 U	0.001 U	0.001 U
MW-51		Apr. '08	1.6 D	0.530 D	0.0032 JD	0.0026 JD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-51		Sep. '08	3.1 D	0.680 D	0.040 UD	0.0072 JD	0.020 UD	0.0046 JD	0.020 UD	0.020 UD	0.020 UD
MW-51		May. '09	2.4 D	0.610 D	0.120 D	0.0042 JD	0.025 UD	0.025 UD	0.0074 JD	0.025 UD	0.0043 JD
MW-51		Oct. '09	0.250 D	0.140	0.002 U	0.00065 J	0.001 U	0.00080 J	0.001 U	0.001 U	0.001 U
MW-51		Apr. '10	1.86 D	0.621 D	0.00272 JD	0.00242 JD	0.010 UD	0.00332 JD	0.010 UD	0.010 UD	0.010 UD
MW-51		Oct. '10	0.627 D	0.171 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-51		May. '11	7.6 D	1.2 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-51		Oct. '11	3.400 D	0.740 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-51		May. '12	5.200 D	1.100 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
MW-51		Oct. '12	6.500 D	1.100 DJ	0.420 UD	0.420 UD	0.420 UD	0.420 UD	0.420 UD	0.420 UD	0.420 UD
MW-51		May. '13	6.400 JD	1.400 JD	0.330 UD	0.330 UD	0.330 UD	0.330 UD	0.330 UD	0.330 UD	0.330 UD
MW-51		Nov '13	4.400 JD	0.980 D	0.330 UD	0.330 UD	0.330 UD	0.330 UD	0.330 UD	0.330 UD	0.330 UD
<b>MW-51</b>		<b>May. '14</b>	<b>7.900 D</b>	<b>1.500 D</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>
<b>MW-51</b>		<b>Nov. '14</b>	<b>4.100 D</b>	<b>0.910 D</b>	<b>0.140 UD</b>	<b>0.140 UD</b>	<b>0.140 UD</b>	<b>0.140 UD</b>	<b>0.140 UD</b>	<b>0.140 UD</b>	<b>0.140 UD</b>
MW-52	Lower	Nov. '03	0.300 D	0.390 D	0.010 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
MW-52		Mar. '05	0.750 D	0.600 D	0.058 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-52		Nov. '05	0.540 D	0.450 D	0.049 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-52 DUP		Nov. '05	0.520 D	0.430 D	0.047 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-52		Mar. '06	0.170 D	0.170 D	0.0052 D	0.002 UD	0.002 UD	0.002 UD	0.002 UD	0.002 UD	0.002 UD
MW-52		Oct. '06	0.190 D	0.210 D	0.0057 D	0.002 UD	0.002 UD	0.002 UD	0.002 UD	0.002 UD	0.002 UD
MW-52		Apr. '07	0.270 D	0.230 D	0.011 JD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-52		Oct. '07	0.210 D	0.180 D	0.0012 JD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
MW-52		Apr. '08	0.420 D	0.250 D	0.002 JD	0.00059 JD	0.004 UD	0.004 UD	0.004 UD	0.004 UD	0.004 UD
MW-52		Sep. '08	0.580 D	0.300 D	0.005 JD	0.00063 JD	0.005 UD	0.00092 JD	0.005 UD	0.005 UD	0.005 UD
MW-52		May. '09	0.820 D	0.460 D	0.037 D	0.010 UD	0.010 UD	0.0016 JD	0.010 UD	0.010 UD	0.010 UD
MW-52		Oct. '09	0.670 D	0.360 D	0.0044 JD	0.0025 JD	0.005 UD	0.0030 JD	0.0014 JD	0.005 UD	0.0013 JD
MW-52 DUP (DUP102909)		Oct. '09	0.770 D	0.400 D	0.0037 JD	0.0018 JD	0.005 UD	0.0021 JD	0.005 UD	0.005 UD	0.005 UD
MW-52		Apr. '10	1.08 D	0.461 D	0.0027 JD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-52		Oct. '10	0.533 D	0.283 D	0.019 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
MW-52		May. '11	1.6 D	0.480 D	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD	0.025 UD
MW-52		Oct. '11	1.1 D	0.440 D	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD
MW-52		May. '12	2.1 D	0.570 D	0.040 UD	0.040 UD	0.040 UD	0.040 UD	0.040 UD	0.040 UD	0.040 UD
MW-52		Oct. '12	1.6 D	0.380 D	0.071 UD	0.071 UD	0.071 UD	0.071 UD	0.071 UD	0.071 UD	0.071 UD
MW-52		May. '13	2.9 D	0.920 D	0.110 UD	0.110 UD	0.110 UD	0.110 UD	0.110 UD	0.110 UD	0.110 UD
MW-52		Nov '13	1.7 JD	0.850 D	0.110 UD	0.110 UD	0.110 UD	0.110 UD	0.110 UD	0.110 UD	0.110 UD
<b>MW-52</b>		<b>May. '14</b>	<b>4.2 D</b>	<b>1.100 D</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>
<b>MW-52</b>		<b>Nov. '14</b>	<b>2.9 D</b>	<b>0.560 D</b>	<b>0.170 UD</b>	<b>0.170 UD</b>	<b>0.170 UD</b>	<b>0.170 UD</b>	<b>0.170 UD</b>	<b>0.170 UD</b>	<b>0.170 UD</b>

TABLE 3-2. Results for VOCs Detected In Groundwater

Well Name	Well Type	Sample Date	cis-1,2-Dichloro-			Tetrachloro-	1,2-Dichloro-	1,1-Dichloro-	1,1,2-Trichloro-		Benzene
			Trichloroethene	ethene*	Vinyl Chloride				ethane	ethane	
USEPA MCL			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
MW-53	Upper	Nov. '03	0.0033	0.0082	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
MW-53		Mar. '05	0.0047	0.017	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
MW-53		Nov. '05	0.140 D	0.280 D	0.067 D	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	
MW-53		Mar. '06	0.090	0.150	0.0042	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
MW-53		Oct. '06	0.078	0.051	0.0047	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
MW-53		Apr. '07	0.250 D	0.310 D	0.150	0.00034 J	0.001 U	0.0012	0.001 U	0.001 U	
MW-53		Oct. '07	0.170 D	0.130 D	0.0069 D	0.00099 JD	0.002 UD	0.00055 JD	0.002 UD	0.002 UD	
MW-53		Apr. '08	0.400 D	0.470 D	0.083 D	0.005 UD	0.005 UD	0.005 UD	0.005 UD	0.005 UD	
MW-53		Sep. '08	0.180 D	0.130 D	0.0093 D	0.002 UD	0.002 UD	0.00028 JD	0.002 UD	0.002 UD	
MW-53		Apr. '10	0.0262	0.0311	0.000628 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
MW-53		May. '12	2.900 D	0.790 D	0.050 UD	0.050 UD					
<b>MW-53</b>		<b>May. '14</b>	<b>0.220 D</b>	<b>0.083 D</b>	<b>0.010 UD</b>	<b>0.010 UD</b>					
MW-54	Lower	Nov. '03	0.020 D	0.120 D	0.0049 D	0.002 UD	0.002 UD	0.002 UD	0.002 UD	0.002 UD	
MW-54		Mar. '05	0.017	0.089	0.0032	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
MW-54		Nov. '05	0.028	0.120	0.0054	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
MW-54		Mar. '06	0.029	0.110	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
MW-54		Oct. '06	0.050	0.140	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	
MW-54		Apr. '07	0.056	0.140	0.00074 J	0.001 U	0.001 U	0.00015 J	0.001 U	0.001 U	
MW-54		Oct. '07	0.042	0.120	0.00073 J	0.001 U	0.001 U	0.00028 J	0.001 U	0.001 U	
MW-54		Apr. '08	0.090 D	0.170 D	0.004 UD	0.002 UD	0.002 UD	0.002 UD	0.002 UD	0.002 UD	
MW-54		Sep. '08	0.091 D	0.170 D	0.0022 JD	0.002 UD	0.002 UD	0.002 UD	0.002 UD	0.002 UD	
MW-54		Apr. '10	0.074 D	0.152 D	0.0161 D	0.002 UD	0.002 UD	0.002 UD	0.002 UD	0.002 UD	
MW-54		May. '12	0.350 D	0.170 D	0.0083 UD	0.0083 UD					
<b>MW-54</b>		<b>May. '14</b>	<b>1.200 D</b>	<b>0.410 D</b>	<b>0.0680 D</b>	<b>0.050 UD</b>	<b>0.050 UD</b>	<b>0.050 UD</b>	<b>0.050 UD</b>	<b>0.050 UD</b>	
MW-55	Upper	Oct. '12	1.800 D	0.470 D	0.091 UD	0.091 UD					
MW-55		May. '13	2.200 JD	0.540 D	0.083 UD	0.083 UD					
MW-55		Nov. '13	2.800 JD	0.720 D	0.200 UD	0.200 UD					
<b>MW-55</b>		<b>May. '14</b>	<b>2.900 D</b>	<b>0.660 D</b>	<b>0.052 D</b>	<b>0.050 UD</b>	<b>0.050 UD</b>	<b>0.050 UD</b>	<b>0.050 UD</b>	<b>0.050 UD</b>	
<b>MW-55</b>		<b>Nov. '14</b>	<b>2.600 D</b>	<b>0.530 D</b>	<b>0.071 UD</b>	<b>0.071 UD</b>					
MW-56	Lower	Oct. '12	1.100 D	0.390 D	0.063 UD	0.063 UD					
MW-56		May. '13	2.500 JD	0.650 D	0.830 UD	0.830 UD					
MW-56 (DUP MW-53)		Nov. '13	0.810 D	0.500 D	0.100 UD	0.100 UD					
<b>MW-56</b>		<b>May. '14</b>	<b>3.000 D</b>	<b>0.700 D</b>	<b>0.062 D</b>	<b>0.050 UD</b>	<b>0.050 UD</b>	<b>0.050 UD</b>	<b>0.050 UD</b>	<b>0.050 UD</b>	
<b>MW-56</b>		<b>Nov. '14</b>	<b>2.300 D</b>	<b>0.550 D</b>	<b>0.067 UD</b>	<b>0.067 UD</b>					
MW-57	Lower	Oct. '12	0.067	0.076	0.014	0.0025 UD	0.0025 UD	0.0025 UD	0.0025 UD	0.0025 UD	
MW-57		May. '13	0.033 D	0.130 D	0.027 D	0.0050 UD	0.0050 UD	0.0050 UD	0.0050 UD	0.0050 UD	
MW-57		Nov. '13	0.038 D	0.100 D	0.019 D	0.0067 UD	0.0067 UD	0.0067 UD	0.0067 UD	0.0067 UD	
<b>MW-57</b>		<b>May. '14</b>	<b>0.043</b>	<b>0.097</b>	<b>0.014</b>	<b>0.0017 U</b>	<b>0.0017 U</b>	<b>0.0017 U</b>	<b>0.0017 U</b>	<b>0.0017 U</b>	
<b>MW-57</b>		<b>Nov. '14</b>	<b>0.0053</b>	<b>0.033</b>	<b>0.0055</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	

**TABLE 3-2. Results for VOCs Detected In Groundwater**

Well Name	Well Type	Sample Date	USEPA MCL								
			Trichloroethene (mg/L)	cis-1,2-Dichloroethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloroethene (mg/L)	1,2-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloroethane (mg/L)	Benzene (mg/L)
			0.005	0.07	0.002	0.005	0.005	0.007	1	0.005	0.005
MW-58	Upper	Oct. '12	0.004 J	0.0044 J	0.001 U	0.001 U	U	0.001 U	0.001 U	0.001 U	0.001 U
MW-58 (DUP)		Oct. '12	0.0029 J	0.0031 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-58		May. '13	0.0170 J	0.023	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-58		Nov. '13	0.0041 J	0.0073	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
<b>MW-58</b>		<b>May. '14</b>	<b>0.0490</b>	<b>0.062</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>
<b>MW-58</b>		<b>Nov. '14</b>	<b>0.0280</b>	<b>0.035</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>
MW-59	Lower	Oct. '12	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-59		May. '13	0.0018 J	0.0012	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
MW-59		Nov. '13	0.0027 J	0.0014	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
<b>MW-59</b>		<b>May. '14</b>	<b>0.0023</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>
<b>MW-59</b>		<b>Nov. '14</b>	<b>0.0029</b>	<b>0.0011</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>
<b>MW-60</b>	Upper	<b>Nov '13</b>	<b>2.6 D</b>	<b>2.5 D</b>	<b>0.790 D</b>	<b>0.083 UD</b>	<b>0.083 UD</b>	<b>0.083 UD</b>	<b>0.083 UD</b>	<b>0.083 UD</b>	<b>0.083 UD</b>
<b>MW-61</b>	Lower	<b>Nov '13</b>	<b>45 D</b>	<b>4.6 D</b>	<b>1.7 UD</b>	<b>1.7 UD</b>	<b>1.7 UD</b>	<b>1.7 UD</b>	<b>1.7 UD</b>	<b>1.7 UD</b>	<b>1.7 UD</b>
<b>MW-61 (DUP MW-101)</b>		<b>Nov '13</b>	<b>48 D</b>	<b>5.1 D</b>	<b>1.7 UD</b>	<b>1.7 UD</b>	<b>1.7 UD</b>	<b>1.7 UD</b>	<b>1.7 UD</b>	<b>1.7 UD</b>	<b>1.7 UD</b>
RT-1	Upper	Jan. '93	0.09	0.0029 J	U	U	U	U	U	U	U
RT-1 DUP		Jan. '93	0.095	0.0028 J	U	U	U	U	U	U	U
RT-1		Oct. '00	0.14	0.0026 J	U	U	U	U	U	U	U
RT-1		Nov. '03	0.190	0.060	0.0019 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
RT-1		Mar. '06	0.160 D	NA	0.004 UD	0.002 UD	NA	0.002 UD	0.002 UD	0.002 UD	0.002 UD
RT-1		Apr. '08	0.150	NA	0.0022	0.001 U	NA	0.00073 J	0.001 U	0.001 U	0.001 U
RT-1		Sep. '08	0.190	NA	0.0031	0.001 U	NA	0.0014	0.00026 J	0.001 U	0.001 U
RT-1		May. '09	0.130	0.044	0.0022	0.001 U	0.001 U	0.001	0.001 U	0.001 U	0.001 U
RT-1		Oct. '09	0.180	NA	0.0036	0.001 U	NA	0.0015	0.001 U	0.001 U	0.001 U
RT-1		Apr. '10	0.224 D	0.0674	0.00331	0.001 U	0.001 U	0.00193	0.001 U	0.001 U	0.001 U
RT-1		May. '12	0.150 D	0.0270 D	0.0067 UD	0.0067 UD	0.0067 UD	0.00670 UD	0.0067 UD	0.0067 UD	0.0067 UD
<b>RT-1</b>		<b>May. '14'</b>	<b>0.140 D</b>	<b>0.0490 D</b>	<b>0.005 UD</b>	<b>0.005 UD</b>	<b>0.005 UD</b>	<b>0.005 UD</b>	<b>0.005 UD</b>	<b>0.005 UD</b>	<b>0.005 UD</b>

TABLE 3-2. Results for VOCs Detected In Groundwater

Well Name	Well Type	Sample Date	USEPA MCL								
			Trichloroethene (mg/L)	cis-1,2-Dichloroethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloroethene (mg/L)	1,2-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloroethane (mg/L)	Benzene (mg/L)
			0.005	0.07	0.002	0.005	0.005	0.007	1	0.005	0.005
RT-2	Upper	Jan. '93	63 D	3.6 JD	UD	0 UD	UD	UD	UD	UD	UD
RT-2		Oct. '00	8.7 D	3.2 D	0.071	0.018	UD	0.015	0.0035 J	0.0018 J	UD
RT-2		Nov. '03	9.6 D	20 D	2.9 D	0.100 UD	0.100 UD	0.090 JD	0.100 UD	0.100 UD	0.100 UD
RT-2		Mar. '06	46 D	NA	1.1 D	0.500 UD	NA	0.500 UD	0.500 UD	0.500 UD	0.500 UD
RT-2		Oct. '06	19 D	NA	0.400 UD	0.200 UD	NA	0.200 UD	0.200 UD	0.200 UD	0.200 UD
RT-2 DUP (MWRT-AC)		Oct. '06	18 D	NA	0.400 UD	0.200 UD	NA	0.200 UD	0.200 UD	0.200 UD	0.200 UD
RT-2		Apr. '07	8.5 D	NA	0.240 JD	0.200 UD	NA	0.200 UD	0.200 UD	0.200 UD	0.200 UD
RT-2		Oct. '07	28 D	NA	1.0 D	0.110 JD	NA	0.069 JD	0.500 UD	0.500 UD	0.500 UD
RT-2		Apr. '08	7.0 D	NA	0.280 D	0.0097 JD	NA	0.027 JD	0.050 UD	0.050 UD	0.050 UD
RT-2		Sep. '08	12 D	NA	0.370 D	0.014 JD	NA	0.048 JD	0.050 UD	0.050 UD	0.050 UD
RT-2		May. '09	14 D	11 D	0.370 D	0.018 JD	0.100 UD	0.036 JD	0.100 UD	0.100 UD	0.100 UD
RT-2		Oct. '09	18 D	NA	0.330 D	0.026 JD	NA	0.054 JD	0.100 UD	0.100 UD	0.100 UD
RT-2		Apr. '10	15.3 D	27.4 D	0.657 D	0.0445 JD	0.250 UD	0.0846 JD	0.0594 JD	0.250 UD	0.250 UD
RT-2		May. '11	19.0 D	14.0 D	0.560 UD	0.560 UD	0.560 UD	0.560 UD	0.560 UD	0.560 UD	0.560 UD
RT-2		May. '12	0.85 D	0.89 D	0.040 UD	0.040 UD	0.040 UD	0.040 UD	0.040 UD	0.040 UD	0.040 UD
RT-2		May. '13	0.47 D	0.35 D	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD
<b>RT-2</b>		<b>May. '14'</b>	<b>4.60 D</b>	<b>16.00 D</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>
<b>RT-2 DUP</b>		<b>May. '14'</b>	<b>4.40 D</b>	<b>15.00 D</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>	<b>0.500 UD</b>
RT-3	Upper	Jan. '93	130 D	5.1 D	UD	0.45 JD	UD	UD	0.11 JD	UD	UD
RT-3		Oct. '00	38 D	16 D	0.62 D	0.2 D	UD	0.15 D	0.38 D	0.014 JD	UD
RT-3		Nov. '03	11 D	22 D	4.7 D	0.200 UD	0.200 UD	0.200 UD	0.230 D	0.200 UD	0.200 UD
RT-3		Mar. '06	12 D	NA	0.630 D	0.100 UD	NA	0.100 UD	1.7 D	0.100 UD	0.100 UD
RT-3		Apr. '08	20 D	12 D	0.600 D	0.032 JD	0.200 UD	0.200 UD	0.200 UD	0.200 UD	0.200 UD
RT-3		May. '12	21 D	42 D	1.4 UD	1.4 UD	1.4 UD	1.4 UD	1.4 UD	1.4 UD	1.4 UD
RT-4	Upper	Jan. '93	0.22 D	1.3 D	0.44 D	UD	UD	UD	UD	UD	UD
RT-4		Oct. '00	0.13 D	2.5 D	0.2 D	UD	UD	UD	UD	UD	UD
RT-4		Nov. '03	1.2 D	9.5 D	1.1 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
RT-4		Mar. '06	1.2 D	NA	0.690 D	0.100 UD	NA	0.100 UD	0.100 UD	0.100 UD	0.100 UD
RT-4		Oct. '06	0.620 D	NA	0.540 D	0.050 UD	NA	0.050 UD	0.050 UD	0.050 UD	0.050 UD
RT-4		Apr. '07	0.570 D	NA	0.600 D	0.050 UD	NA	0.027 JD	0.050 UD	0.050 UD	0.050 UD
RT-4		Oct. '07	0.460 D	NA	0.620 D	0.050 UD	NA	0.015 JD	0.050 UD	0.050 UD	0.050 UD
RT-4		Apr. '08	0.580 D	NA	0.100 D	0.025 UD	NA	0.017 JD	0.025 UD	0.025 UD	0.025 UD
RT-4		Sep. '08	0.500 D	NA	0.520 D	0.025 UD	NA	0.019 JD	0.025 UD	0.025 UD	0.025 UD
RT-4		May. '09	0.210 D	3.9 D	0.280 D	0.002 UD	0.002 UD	0.0075 D	0.00029 JD	0.002 UD	0.00041 JD
RT-4		Oct. '09	0.300 D	NA	0.420 D	0.025 UD	NA	0.010 JD	0.025 UD	0.025 UD	0.0032 JD
RT-4		Apr. '10	0.503 D	5.42 D	0.752 XD	0.050 U	0.050 U	0.050 U	0.050 UD	0.050 U	0.050 U
RT-4		May. '11	0.220 D	2.80 D	0.330 D	0.083 UD	0.083 UD	0.083 UD	0.083 UD	0.083 UD	0.083 UD
RT-4		May. '12	0.160 D	2.70 D	0.320 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
RT-4		May. '13	0.140 D	2.50 D	0.170 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
<b>RT-4</b>		<b>May. '14'</b>	<b>0.130 D</b>	<b>2.10 D</b>	<b>0.100 UD</b>	<b>0.100 UD</b>	<b>0.100 UD</b>	<b>0.100 UD</b>	<b>0.100 UD</b>	<b>0.100 UD</b>	<b>0.100 UD</b>

**TABLE 3-2. Results for VOCs Detected In Groundwater**

Well Name	Well Type	Sample Date	USEPA MCL								
			Trichloroethene (mg/L)	cis-1,2-Dichloroethene* (mg/L)	Vinyl Chloride (mg/L)	Tetrachloroethene (mg/L)	1,2-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	Toluene (mg/L)	1,1,2-Trichloroethane (mg/L)	Benzene (mg/L)
			0.005	0.07	0.002	0.005	0.005	0.007	1	0.005	0.005
RT-5	Upper	Jan. '93	2.6 D	1.3 D	UD	UD	UD	UD	UD	UD	UD
RT-5		Oct. '98	10 D	6.1 D	0.18 JD	UD	UD	UD	UD	UD	UD
RT-5		Oct. '00	0.44 D	0.92 D	0.012 JD	UD	UD	UD	UD	UD	UD
RT-5		Nov. '03	7.9 D	5.6 D	0.270 D	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD	0.100 UD
RT-5		Mar. '06	2.6 D	NA	0.071 D	0.025 UD	NA	0.025 UD	0.025 UD	0.025 UD	0.025 UD
RT-5		Oct. '06	1.6 D	NA	0.160 D	0.020 UD	NA	0.020 UD	0.020 UD	0.020 UD	0.020 UD
RT-5		Apr. '07	1.7 D	NA	0.230 D	0.0043 JD	NA	0.012 JD	0.020 UD	0.020 UD	0.020 UD
RT-5 DUP (RT-KK)		Apr. '07	1.6 D	NA	0.190 D	0.0038 JD	NA	0.010 JD	0.020 UD	0.020 UD	0.020 UD
RT-5		Oct. '07	0.950 D	NA	0.062 D	0.025 UD	NA	0.0073 JD	0.025 UD	0.025 UD	0.025 UD
RT-5		Apr. '08	0.590 D	NA	0.020 D	0.0018 JD	NA	0.0044 JD	0.005 UD	0.005 UD	0.005 UD
RT-5		Sep. '08	0.330 D	NA	0.061 D	0.00054 JD	NA	0.003 D	0.002 UD	0.002 UD	0.002 UD
RT-5		May. '09	0.350 D	0.580 D	0.049 D	0.00083 JD	0.005 UD	0.0028 JD	0.005 UD	0.005 UD	0.005 UD
RT-5		Oct. '09	0.650 D	NA	0.170 D	0.0017 JD	NA	0.0040 JD	0.010 UD	0.010 UD	0.003 JD
RT-5		Apr. '10	0.338 D	0.468 D	0.0448 D	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD	0.010 UD
RT-5		May. '11	0.340 D	0.710 D	0.030 D	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD	0.020 UD
RT-5		May. '12	0.59 D	0.98 D	0.062 D	0.040 UD	0.040 UD	0.040 UD	0.040 UD	0.040 UD	0.04 UD
RT-5		May. '13	0.48 D	0.67 D	0.049 D	0.025 UD	0.025 UD	0.025 UJD	0.025 UD	0.025 UD	0.025 UD
<b>RT-5</b>		<b>May. '14'</b>	<b>0.15 D</b>	<b>0.21 D</b>	<b>0.016 D</b>	<b>0.0067 UD</b>	<b>0.0067 UD</b>	<b>0.0067 UD</b>	<b>0.0067 UD</b>	<b>0.0067 UD</b>	<b>0.0067 UD</b>

Shading indicates that detected result exceeded USEPA MCLs.

Shading indicates that quantitation limits for the non-detect result exceeded USEPA MCLs.

Bolded text indicates values obtained during the current reporting period.

U = Not Detected

D = Sample was diluted

J = Sample was estimated

B = The constituent was also detected in a blank

E = Exceeds the highest concentration level on the standard curve

X = Result associated with a laboratory contaminant

NA = Not Available or Not Analyzed

NS = Not Sampled

\* cis-1,2-DCE results prior to 1998 from Total DCE

TABLE 3-3. SVOCs Detected In Groundwater

Well Name	Well Type	Sample Date	Di-n-butyl phthalate (mg/L)	Fluorene (mg/L)	Phenanthrene (mg/L)	2-Methylnaphthalene (mg/L)	Phenol (mg/L)	1,2,4-Trichlorobenzene (mg/L)	Bis (2-ethyl hexyl) phthalate (mg/L)	Naphthalene (mg/L)	Pentachlorophenol (mg/L)	Diethylphthalate (mg/L)	1,2,4,5-Tetrachlorobenzene (mg/L)
USEPA MCL*			NA	NA	NA	NA	NA	0.07	0.006	NA	0.001	NA	NA
MW-1	Upper	Aug '91	0.0013 JBX	U	U	U	U	0.0021 J	0.0011 J	U	NA	NA	NA
MW-1		Oct '00	U	U	U	U	U	0.013	0.011	U	U	0.002 J	NA
MW-1		Nov '03	NA	NA	NA	NA	NA	NA	0.001 J	NA	NA	NA	NA
MW-1		Mar '06	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-1		Apr '08	NA	NA	NA	NA	NA	NA	0.0048 U	NA	NA	NA	NA
MW-2	Upper	Aug '91	0.0011 JBX	0.001 J	0.0007 J	0.069	U	U	0.0052 J	0.034	NA	NA	NA
MW-3	Upper	Aug '91	0.0009 JBX	U	U	U	U	U	0.0016 J	U	NA	NA	NA
MW-3		Mar '06	NA	NA	NA	NA	NA	NA	0.0059 U	NA	NA	NA	NA
MW-4	Upper	Aug '91	0.0016 JBX	U	U	U	0.0012 J	U	0.001 J	U	NA	NA	NA
MW-4		Oct '00	U	U	U	U	U	U	U	U	U	U	NA
MW-4		Nov '03	NA	NA	NA	NA	NA	NA	0.0053 U	NA	NA	NA	NA
MW-4		Mar '06	NA	NA	NA	NA	NA	NA	U	NA	NA	NA	NA
MW-4		Apr '08	NA	NA	NA	NA	NA	NA	0.0048 U	NA	NA	NA	NA
MW-4 DUP (425)		Apr '08	NA	NA	NA	NA	NA	NA	0.0046 U	NA	NA	NA	NA
MW-5	Upper	Aug '91	0.0010 JBX	U	U	U	0.0077 J	U	0.0011 J	U	NA	NA	NA
MW-5		Oct '00	U	U	U	0.0051	U	U	0.0022 J	0.014	U	0.002 J	NA
MW-5		Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-5		Nov '05	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-5		Mar '06	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-5		Oct '06	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-5		Apr '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-5		Oct '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-5		Apr '08	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-5		Sep. '08	NA	NA	NA	NA	NA	NA	0.0012 J	NA	NA	NA	NA
MW-6	Upper	Aug '91	0.0009 JBX	U	U	0.0013 J	U	U	0.0071 J	0.0009 J	NA	NA	NA
MW-6		Oct '00	U	U	U	U	U	U	U	U	U	U	NA
MW-6		Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-6		Mar '06	NA	NA	NA	NA	NA	NA	U	NA	NA	NA	NA
MW-6		Apr '08	NA	NA	NA	NA	NA	NA	0.0048 U	NA	NA	NA	NA
MW-7	Upper	Aug '91	0.0005 JBX	U	U	U	U	U	U	U	NA	NA	NA
MW-7 DUP		Aug '91	0.0012 JBX	U	U	U	U	U	U	U	NA	NA	NA
MW-7		Oct '00	U	U	U	U	U	U	0.0007 J	U	U	U	NA
MW-7		Nov '03	NA	NA	NA	NA	NA	NA	0.0053 U	NA	NA	NA	NA
MW-7		Mar '06	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-7		Apr '08	NA	NA	NA	NA	NA	NA	0.0019 J	NA	NA	NA	NA
MW-8	Lower	Oct '00	U	U	U	U	U	U	U	U	U	U	NA
MW-8		Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-8		Mar '06	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-8		Apr '08	NA	NA	NA	NA	NA	NA	0.0049 U	NA	NA	NA	NA

TABLE 3-3. SVOCs Detected In Groundwater

Well Name	Well Type	Sample Date	Di-n-butyl phthalate (mg/L)	Fluorene (mg/L)	Phenanthrene (mg/L)	2-Methylnaphthalene (mg/L)	Phenol (mg/L)	1,2,4-Trichlorobenzene (mg/L)	Bis (2-ethyl hexyl) phthalate (mg/L)	Naphthalene (mg/L)	Pentachlorophenol (mg/L)	Diethylphthalate (mg/L)	1,2,4,5-Tetrachlorobenzene (mg/L)
MW-9	Lower	Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-9		Mar '06	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-9		Apr '08	NA	NA	NA	NA	NA	NA	0.0048 U	NA	NA	NA	NA
MW-10	Lower	Oct '00	U	U	U	U	U	U	U	U	U	U	NA
MW-10		Nov '03	NA	NA	NA	NA	NA	NA	0.0011 J	NA	NA	NA	NA
MW-10		Nov '05	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-10		Mar '06	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-10		Oct '06	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-10		Apr '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-10		Oct '07	NA	NA	NA	NA	NA	NA	0.0048 U	NA	NA	NA	NA
MW-10		Apr '08	NA	NA	NA	NA	NA	NA	0.0046 U	NA	NA	NA	NA
MW-10		Sep. '08	NA	NA	NA	NA	NA	NA	0.0046 U	NA	NA	NA	NA
MW-11	Upper	Oct '00	U	U	U	U	U	U	0.005 J	U	U	U	NA
MW-11		Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-11		Mar '06	NA	NA	NA	NA	NA	NA	0.0052 U	NA	NA	NA	NA
MW-11		Apr '08	NA	NA	NA	NA	NA	NA	0.0048 U	NA	NA	NA	NA
MW-12	Upper	Oct '00	U	U	U	U	U	U	0.0073	U	U	U	NA
MW-12		Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-12 DUP		Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-12		Mar '06	NA	NA	NA	NA	NA	NA	0.0053 U	NA	NA	NA	NA
MW-12		Apr '08	NA	NA	NA	NA	NA	NA	0.0048 U	NA	NA	NA	NA
MW-13	Upper	Oct '00	U	U	U	U	U	U	U	U	U	U	NA
MW-13		Nov '03	NA	NA	NA	NA	NA	NA	0.0012 J	NA	NA	NA	NA
MW-13		Mar '06	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-13		Apr '08	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-14	Upper	Oct '00	U	U	U	U	U	U	U	U	U	U	NA
MW-14		Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-14		Nov '05	NA	NA	NA	NA	NA	NA	0.0052 U	NA	NA	NA	NA
MW-14		Mar '06	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-14		Oct '06	NA	NA	NA	NA	NA	NA	0.0052 U	NA	NA	NA	NA
MW-14		Apr '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-14		Oct '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-14 DUP (MW-63)		Oct '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-14		Apr '08	NA	NA	NA	NA	NA	NA	0.0049 U	NA	NA	NA	NA
MW-14		Sep. '08	NA	NA	NA	NA	NA	NA	0.0018 J	NA	NA	NA	NA
MW-15	Upper	Oct '00	U	U	U	U	U	U	U	U	U	U	NA
MW-15		Nov '03	NA	NA	NA	NA	NA	NA	0.0056 U	NA	NA	NA	NA
MW-15		Mar '06	NA	NA	NA	NA	NA	NA	U	NA	NA	NA	NA
MW-15		Apr '08	NA	NA	NA	NA	NA	NA	0.0056 U	NA	NA	NA	NA

TABLE 3-3. SVOCs Detected In Groundwater

Well Name	Well Type	Sample Date	Di-n-butyl phthalate (mg/L)	Fluorene (mg/L)	Phenanthrene (mg/L)	2-Methylnaphthalene (mg/L)	Phenol (mg/L)	1,2,4-Trichlorobenzene (mg/L)	Bis (2-ethyl hexyl) phthalate (mg/L)	Naphthalene (mg/L)	Pentachlorophenol (mg/L)	Diethylphthalate (mg/L)	1,2,4,5-Tetrachlorobenzene (mg/L)
MW-16	Upper	Oct '00	U	U	U	U	U	U	U	U	U	U	NA
MW-16 DUP		Oct '00	U	U	U	U	U	U	U	U	U	U	NA
MW-16		Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-16		Mar '06	NA	NA	NA	NA	NA	NA	U	NA	NA	NA	NA
MW-16	Lower	Apr '08	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-17		Oct '00	U	U	U	U	U	U	U	U	U	U	NA
MW-17		Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-17 DUP		Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-17		Mar '06	NA	NA	NA	NA	NA	NA	0.0052 U	NA	NA	NA	NA
MW-17 DUP (MW-B)		Mar '06	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-17		Apr '08	NA	NA	NA	NA	NA	NA	0.0016 J	NA	NA	NA	NA
MW-20	Upper	Nov '03	NA	NA	NA	NA	NA	NA	0.0053 U	NA	NA	NA	NA
MW-20		Mar '06	NA	NA	NA	NA	NA	NA	U	NA	NA	NA	NA
MW-20		Apr '08	NA	NA	NA	NA	NA	NA	0.0049 U	NA	NA	NA	NA
MW-23	Upper	Oct '00	U	U	U	U	U	U	U	U	U	U	NA
MW-23		Nov '03	NA	NA	NA	NA	NA	NA	0.0053 U	NA	NA	NA	NA
MW-23		Mar '06	NA	NA	NA	NA	NA	NA	0.0054 U	NA	NA	NA	NA
MW-23		Oct '06	NA	NA	NA	0.0051 U	NA	0.0051 U	0.0051 U	0.0051 U	0.020 U	NA	0.0051 U
MW-23		Apr '07	NA	NA	NA	0.0047 U	NA	0.011	0.0047 U	0.0047 U	0.019 U	NA	0.0047 U
MW-23		Oct '07	NA	NA	NA	0.005 U	NA	0.0028 J	0.005 U	0.005 U	0.020 U	NA	0.005 U
MW-23 Dup (RT-9)		Oct '07	NA	NA	NA	0.0049 U	NA	0.0026 J	0.0049 U	0.0049 U	0.020 U	NA	0.0049 U
MW-23		Apr '08	NA	NA	NA	0.0048 U	NA	0.00043 J	0.0048 U	0.0048 U	0.019 U	NA	0.0048 U
MW-23		Sep. '08	NA	NA	NA	0.005 U	NA	0.00051 J	0.0022 J	0.005 U	0.020 U	NA	0.005 U
MW-23 DUP (926/0810039-07)		Sep. '08	NA	NA	NA	0.0053 U	NA	0.00056 J	0.003 J	0.0053 U	0.021 U	NA	0.0053 U
MW-23		Apr. '10	NA	NA	NA	0.00472 U	NA	0.0113	0.00283 J	0.00472 U	0.0189 U	NA	0.00472 U
MW-23		May. '11	NA	NA	NA	0.00020 U	NA	0.0010 U	0.0020 U	0.00020 U	0.0050 U	NA	0.0010 U
MW-23		May. '12	NA	NA	NA	0.00020 U	NA	0.0035	0.0020 U	0.00020 U	0.0049 U	NA	0.00098 U
MW-23		Aug. '13	NA	NA	NA	0.0008 U	NA	0.012	0.008 U	0.0008 U	0.02 U	NA	0.004 U
<b>MW-23</b>	<b>May '14</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00021 U</b>	<b>NA</b>	<b>0.006</b>	<b>0.0021 U</b>	<b>0.00021 U</b>	<b>0.042 UJ</b>	<b>NA</b>	<b>0.001 U</b>	
MW-25	Upper	Oct '00	U	U	U	U	U	U	U	U	U	U	NA
MW-25		Nov '03	NA	NA	NA	NA	NA	NA	0.0053 U	NA	NA	NA	NA
MW-25		Mar '06	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-25		Apr '08	NA	NA	NA	NA	NA	NA	0.0022 J	NA	NA	NA	NA
MW-41	Upper	Nov '03	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-41		Nov '05	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-41		Mar '06	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-41		Oct '06	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-41		Apr '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-41		Oct '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-41		Apr '08	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-41		Sep. '08	NA	NA	NA	NA	NA	NA	0.0027 J	NA	NA	NA	NA

TABLE 3-3. SVOCs Detected In Groundwater

Well Name	Well Type	Sample Date	Di-n-butyl phthalate (mg/L)	Fluorene (mg/L)	Phenanthrene (mg/L)	2-Methylnaphthalene (mg/L)	Phenol (mg/L)	1,2,4-Trichlorobenzene (mg/L)	Bis (2-ethyl hexyl) phthalate (mg/L)	Naphthalene (mg/L)	Pentachlorophenol (mg/L)	Diethylphthalate (mg/L)	1,2,4,5-Tetrachlorobenzene (mg/L)
MW-42	Lower	Nov '03	NA	NA	NA	NA	NA	NA	0.0014 J	NA	NA	NA	NA
MW-42		Nov '05	NA	NA	NA	NA	NA	NA	0.0056 U	NA	NA	NA	NA
MW-42		Mar '06	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-42		Oct '06	NA	NA	NA	NA	NA	NA	0.0052 U	NA	NA	NA	NA
MW-42		Apr '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-42		Oct '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-42		Apr '08	NA	NA	NA	NA	NA	NA	0.0048 U	NA	NA	NA	NA
MW-42		Sep. '08	NA	NA	NA	NA	NA	NA	0.0026 J	NA	NA	NA	NA
MW-43	Upper	Nov '05	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-43		Apr '06	NA	NA	NA	NA	NA	NA	0.0056 U	NA	NA	NA	NA
MW-43		Oct '06	NA	NA	NA	NA	NA	NA	0.0053 U	NA	NA	NA	NA
MW-43 DUP (MW-AC)		Oct '06	NA	NA	NA	NA	NA	NA	0.0054 U	NA	NA	NA	NA
MW-43		May '07	NA	NA	NA	NA	NA	NA	0.0046 U	NA	NA	NA	NA
MW-43		Oct '07	NA	NA	NA	NA	NA	NA	0.0046 U	NA	NA	NA	NA
MW-43		Apr '08	NA	NA	NA	NA	NA	NA	0.0048 U	NA	NA	NA	NA
MW-43		Sep. '08	NA	NA	NA	NA	NA	NA	0.0027 J	NA	NA	NA	NA
MW-44	Lower	Nov '05	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-44		Apr '06	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-44 DUP (MW-F)		Apr '06	NA	NA	NA	NA	NA	NA	2.7 J	NA	NA	NA	NA
MW-44		Oct '06	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-44		May '07	NA	NA	NA	NA	NA	NA	0.0046 U	NA	NA	NA	NA
MW-44		Oct '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-44		Apr '08	NA	NA	NA	NA	NA	NA	0.0014 J	NA	NA	NA	NA
MW-44		Sep. '08	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-45	Upper	Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-45		Nov '05	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-45		Mar '06	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-45		Oct '06	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-45		Apr '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-45		Oct '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-45		Apr '08	NA	NA	NA	NA	NA	NA	0.0049 U	NA	NA	NA	NA
MW-45		Sep. '08	NA	NA	NA	NA	NA	NA	0.0021 J	NA	NA	NA	NA
MW-46	Lower	Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-46		Nov '05	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-46		Mar '06	NA	NA	NA	NA	NA	NA	0.0052 U	NA	NA	NA	NA
MW-46		Oct '06	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-46		Apr '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-46		Oct '07	NA	NA	NA	NA	NA	NA	0.0048 U	NA	NA	NA	NA
MW-46		Apr '08	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-46		Sep. '08	NA	NA	NA	NA	NA	NA	0.0023 J	NA	NA	NA	NA
MW-46 DUP (DUP-923)	Sep. '08	NA	NA	NA	NA	NA	NA	0.0028 J	NA	NA	NA	NA	

TABLE 3-3. SVOCs Detected In Groundwater

Well Name	Well Type	Sample Date	Di-n-butyl phthalate (mg/L)	Fluorene (mg/L)	Phenanthrene (mg/L)	2-Methylnaphthalene (mg/L)	Phenol (mg/L)	1,2,4-Trichlorobenzene (mg/L)	Bis (2-ethyl hexyl) phthalate (mg/L)	Naphthalene (mg/L)	Pentachlorophenol (mg/L)	Diethylphthalate (mg/L)	1,2,4,5-Tetrachlorobenzene (mg/L)
MW-47	Upper	Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-47		Nov '05	NA	NA	NA	NA	NA	NA	0.0054 U	NA	NA	NA	NA
MW-47		Mar '06	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-47		Oct '06	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-47		Apr '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-47 DUP (MW-JT)		Apr '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-47		Oct '07	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-47		Apr '08	NA	NA	NA	NA	NA	NA	0.0046 U	NA	NA	NA	NA
MW-47	Sep. '08	NA	NA	NA	NA	NA	NA	0.0032 J	NA	NA	NA	NA	
MW-48	Lower	Nov '03	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-48		Nov '05	NA	NA	NA	NA	NA	NA	0.0053 U	NA	NA	NA	NA
MW-48		Mar '06	NA	NA	NA	NA	NA	NA	0.0053 U	NA	NA	NA	NA
MW-48		Oct '06	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-48		Apr '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-48		Oct '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-48		Apr '08	NA	NA	NA	NA	NA	NA	0.0048 U	NA	NA	NA	NA
MW-48		Sep. '08	NA	NA	NA	NA	NA	NA	0.0013 J	NA	NA	NA	NA
MW-49	Lower	Nov '05	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-49		Apr '06	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-49		Oct '06	NA	NA	NA	NA	NA	NA	0.0052 U	NA	NA	NA	NA
MW-49		May '07	NA	NA	NA	NA	NA	NA	0.0046 U	NA	NA	NA	NA
MW-49		Oct '07	NA	NA	NA	NA	NA	NA	0.0048 U	NA	NA	NA	NA
MW-49		Apr '08	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-49 DUP (DUP-430)		Apr '08	NA	NA	NA	NA	NA	NA	0.0049 U	NA	NA	NA	NA
MW-49		Sep. '08	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-49 DUP (926/0810039-01)	Sep. '08	NA	NA	NA	0.0046 U	NA	0.0046 U	0.0013 J	0.0046 U	0.018 U	NA	0.0046 U	
MW-50	Upper	Nov '05	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-50		Apr '06	NA	NA	NA	NA	NA	NA	0.0053 U	NA	NA	NA	NA
MW-50		Oct '06	NA	NA	NA	NA	NA	NA	0.0052 U	NA	NA	NA	NA
MW-50		May '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-50		Oct '07	NA	NA	NA	NA	NA	NA	0.0049 U	NA	NA	NA	NA
MW-50		Apr '08	NA	NA	NA	NA	NA	NA	0.0056 U	NA	NA	NA	NA
MW-50		Sep. '08	NA	NA	NA	NA	NA	NA	0.0019 J	NA	NA	NA	NA
MW-51		Upper	Nov '03	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA
MW-51	Nov '05		NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-51	Mar '06		NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-51	Oct '06		NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-51	Apr '07		NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-51	Oct '07		NA	NA	NA	NA	NA	NA	0.0048 U	NA	NA	NA	NA
MW-51	Apr '08		NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-51	Sep. '08		NA	NA	NA	NA	NA	NA	0.0018 J	NA	NA	NA	NA

TABLE 3-3. SVOCs Detected In Groundwater

Well Name	Well Type	Sample Date	Di-n-butyl phthalate (mg/L)	Fluorene (mg/L)	Phenanthrene (mg/L)	2-Methylnaphthalene (mg/L)	Phenol (mg/L)	1,2,4-Trichlorobenzene (mg/L)	Bis (2-ethyl hexyl) phthalate (mg/L)	Naphthalene (mg/L)	Pentachlorophenol (mg/L)	Diethylphthalate (mg/L)	1,2,4,5-Tetrachlorobenzene (mg/L)
MW-52	Lower	Nov '03	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-52		Nov '05	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-52 DUP		Nov '05	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-52		Mar '06	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-52		Oct '06	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-52		Apr '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-52		Oct '07	NA	NA	NA	NA	NA	NA	0.0049 U	NA	NA	NA	NA
MW-52		Apr '08	NA	NA	NA	NA	NA	NA	0.0046 U	NA	NA	NA	NA
MW-52	Sep. '08	NA	NA	NA	NA	NA	NA	0.0031 J	NA	NA	NA	NA	
MW-53	Upper	Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-53		Nov '05	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-53		Mar '06	NA	NA	NA	NA	NA	NA	U	NA	NA	NA	NA
MW-53		Oct '06	NA	NA	NA	NA	NA	NA	0.0051 U	NA	NA	NA	NA
MW-53		Apr '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-53		Oct '07	NA	NA	NA	NA	NA	NA	0.0049 U	NA	NA	NA	NA
MW-53		Apr '08	NA	NA	NA	NA	NA	NA	0.0048 U	NA	NA	NA	NA
MW-53	Sep. '08	NA	NA	NA	NA	NA	NA	0.0016 J	NA	NA	NA	NA	
MW-54	Lower	Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-54		Nov '05	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-54		Mar '06	NA	NA	NA	NA	NA	NA	U	NA	NA	NA	NA
MW-54		Oct '06	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
MW-54		Apr '07	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-54		Oct '07	NA	NA	NA	NA	NA	NA	0.0029 J	NA	NA	NA	NA
MW-54		Apr '08	NA	NA	NA	NA	NA	NA	0.0047 U	NA	NA	NA	NA
MW-54		Sep. '08	NA	NA	NA	NA	NA	NA	0.0031 J	NA	NA	NA	NA
RT-1	Upper	Oct '00	U	U	U	U	U	U	U	U	U	U	NA
RT-1		Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
RT-1		Mar '06	NA	NA	NA	0.005 U	NA	0.005 U	0.005 U	0.005 U	0.020 U	NA	0.005 U
RT-1		Apr '08	NA	NA	NA	0.0049 U	NA	0.0049 U	0.0049 U	0.0049 U	0.020 U	NA	0.0049 U
RT-1		Sep. '08	NA	NA	NA	0.005 U	NA	0.005 U	0.0014 J	0.005 U	0.020 U	NA	0.005 U
RT-1		Apr. '10	NA	NA	NA	NA	NA	NA	0.0049 U	NA	NA	NA	NA
RT-2	Upper	Oct '00	U	U	U	U	U	0.032	U	U	0.0064 J	U U	NA
RT-2		Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
RT-2		Mar '06	NA	NA	NA	0.005 U	NA	0.023	0.005 U	0.005 U	0.020 U	NA	0.005 U
RT-2		Oct '06	NA	NA	NA	0.0052 U	NA	0.037	0.0052 U	0.0052 U	0.021 U	NA	0.0052 U
RT-2 DUP (MWRT-AC)		Oct '06	NA	NA	NA	0.0054 U	NA	0.036	0.0054 U	0.0054 U	0.022 U	NA	0.0054 U
RT-2		Apr '07	NA	NA	NA	0.00067 J	NA	0.030	0.0047 U	0.00058 J	0.0083 J	NA	0.0047 U
RT-2		Oct '07	NA	NA	NA	0.020	NA	0.039	0.0048 U	0.014	0.014 J	NA	0.0048 U
RT-2		Apr '08	NA	NA	NA	0.0049 U	NA	0.030	0.0049 U	0.0049 U	0.0053 J	NA	0.0049 U
RT-2		Sep. '08	NA	NA	NA	0.00095 J	NA	0.026	0.0028 J	0.005 U	0.0028 J	NA	0.005 U
RT-2		Apr. '10	NA	NA	NA	0.00481 U	NA	0.0551	0.00294 J	0.00153 J	0.00759 J	NA	0.00481 U
RT-2		May. '11	NA	NA	NA	0.00042	NA	0.012	0.0020 U	0.00034	0.0050 U	NA	0.0010 U
RT-2		May. '12	NA	NA	NA	0.0002 U	NA	0.0024	0.0020 U	0.0002 U	0.0050 U	NA	0.0010 U
RT-2		Aug. '13	NA	NA	NA	0.00077 U	NA	0.0068	0.0077 U	0.00077 U	0.019 U	NA	0.0038 U
<b>RT-2</b>	<b>May '14</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00022 U</b>	<b>NA</b>	<b>0.018</b>	<b>0.0022 U</b>	<b>0.00022 U</b>	<b>0.043 U</b>	<b>NA</b>	<b>0.0011 U</b>	

TABLE 3-3. SVOCs Detected In Groundwater

Well Name	Well Type	Sample Date	Di-n-butyl phthalate (mg/L)	Fluorene (mg/L)	Phenanthrene (mg/L)	2-Methylnaphthalene (mg/L)	Phenol (mg/L)	1,2,4-Trichlorobenzene (mg/L)	Bis (2-ethyl hexyl) phthalate (mg/L)	Naphthalene (mg/L)	Pentachlorophenol (mg/L)	Diethylphthalate (mg/L)	1,2,4,5-Tetrachlorobenzene (mg/L)
RT-3	Upper	Oct '00	U	U	U	0.0065	U	0.056	U	0.0029 J	<b>0.018</b>	U	NA
RT-3		Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
RT-3		Mar '06	NA	NA	NA	0.005 U	NA	0.017	0.005 U	0.005 U	0.020 U	NA	0.005 U
RT-3		Apr '08	NA	NA	NA	NA	NA	NA	0.0048 U	NA	NA	NA	NA
RT-4	Upper	Oct '00	U	U	U	U	U	0.0022 J	U	U	U	U	NA
RT-4		Nov '03	NA	NA	NA	NA	NA	NA	<b>0.011</b>	NA	NA	NA	NA
RT-4		Mar '06	NA	NA	NA	0.005 U	NA	0.005 U	0.005 U	0.005 U	<b>0.020 U</b>	NA	0.005 U
RT-4		Oct '06	NA	NA	NA	0.0053 U	NA	0.0053 U	0.0053 U	0.0053 U	0.021 U	NA	0.0053 U
RT-4		Apr '07	NA	NA	NA	0.0047 U	NA	0.0014 J	0.0047 U	0.0047 U	0.019 U	NA	0.0047 U
RT-4		Oct '07	NA	NA	NA	0.0048 U	NA	0.0021 J	0.0048 U	0.0048 U	0.019 U	NA	0.0048 U
RT-4		Apr '08	NA	NA	NA	0.005 U	NA	0.0014 J	0.005 U	0.005 U	0.020 U	NA	0.005 U
RT-4		Sep. '08	NA	NA	NA	0.0056 U	NA	0.0051 J	0.0034 J	0.0056 U	0.022 U	NA	0.0056 U
RT-4		Apr. '10	NA	NA	NA	0.00467 U	NA	0.00407 J	0.00304 J	0.00467 U	0.0187 U	NA	0.00467 U
RT-4		May. '11	NA	NA	NA	0.00020 U	NA	0.0022	0.0020 U	0.00020 U	0.0050 U	NA	0.0010 U
RT-4		May. '12	NA	NA	NA	0.00019 U	NA	0.0014	0.0019 U	0.00019 U	0.0048 U	NA	0.00096 U
RT-4		Aug. '13	NA	NA	NA	0.00074 U	NA	0.0037 U	0.0074 U	0.00074 U	0.019 U	NA	0.0037 U
<b>RT-4</b>		<b>May '14</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00022 U</b>	<b>NA</b>	<b>0.0011 U</b>	<b>0.0094 U</b>	<b>0.00022 U</b>	<b>0.043 U</b>	<b>NA</b>	<b>0.00011 U</b>
RT-5	Upper	Oct '00	NA	NA	NA	NA	NA	0.0034 J	U	U	U	U	NA
RT-5		Nov '03	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA	NA
RT-5		Mar '06	NA	NA	NA	0.005 U	NA	0.005 U	0.005 U	0.005 U	<b>0.020 U</b>	NA	0.005 U
RT-5		Oct '06	NA	NA	NA	0.0051 U	NA	0.0051 U	0.0051 U	0.0051 U	0.020 U	NA	0.0051 U
RT-5		Apr '07	NA	NA	NA	0.0047 U	NA	0.0020 J	0.0047 U	0.0047 U	0.019 U	NA	0.0047 U
RT-5 DUP (RT-KK)		Apr '07	NA	NA	NA	0.0047 U	NA	0.0035 J	0.0047 U	0.0047 U	0.019 U	NA	0.0047 U
RT-5		Oct '07	NA	NA	NA	0.0049 U	NA	0.0034 J	0.0049 U	0.0049 U	0.020 U	NA	0.0049 U
RT-5		Apr '08	NA	NA	NA	0.0047 U	NA	0.0039 J	0.0047 U	0.0047 U	0.019 U	NA	0.0047 U
RT-5		Sep. '08	NA	NA	NA	0.0053 U	NA	0.0022 J	0.0021 J	0.0053 U	0.021 U	NA	0.0053 U
RT-5		Apr. '10	NA	NA	NA	0.00472 U	NA	0.00422 J	0.00284 J	0.00472 U	0.0189 U	NA	0.00472 U
RT-5		May. '11	NA	NA	NA	0.00020 U	NA	0.0010 U	0.0020 U	0.00020 U	0.0050 U	NA	0.0010 U
RT-5		May. '12	NA	NA	NA	0.00020 U	NA	0.0012	0.0020 U	0.00020 U	0.0049 U	NA	0.00098 U
RT-5		Aug. '13	NA	NA	NA	0.00077 U	NA	0.0038 U	0.0077 U	0.00077 U	0.0038 U	NA	0.0038 U
<b>RT-5</b>		<b>May '14</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.0002 U</b>	<b>NA</b>	<b>0.001</b>	<b>0.0063 U</b>	<b>0.0002 U</b>	<b>0.040 U</b>	<b>NA</b>	<b>0.001 U</b>

Notes:

\* Shaded cell indicates the result exceeded the USEPA MCL.

Bolded text indicates values obtained during 2014 (the current reporting period)

U = Below Detection Limit

D = Result from diluted sample

J = Result was estimated

B = The constituent was also detected in a blank

E = Exceeds the highest concentration level on the standard curve

X = Result associated with a laboratory contaminant

NA = Not Available or Not Analyzed

TABLE 3-4. Metals and Field Parameters Measured in Groundwater

Well Name	Sample Date	Well Type	Metals							Electron Acceptor	Geochemical Parameters				
			Arsenic	Chromium	Hexavalent	Lead	Potassium	Selenium	Sodium	Dissolved Oxygen	pH	Conductivity	Temperature	ORP	Turbidity
			(mg/L)	(total) (mg/L)	Chromium (mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)						
USEPA MCL*			0.01	0.1	NA	0.015	NA	0.05	NA	NA	NA	NA	NA	NA	NA
MW-1	Aug. '91	Upper	0.058	0.014	U	0.01	4.6	U	NA	NS	NS	NS	NS	NS	
MW-1	Dec. '91		0.043	0.012	U	0.0044	NA	NA	NA	NS	NS	NS	NS	NS	
MW-1	Jan. '93		0.083	0.0052 X	U	U	NA	NA	NA	NS	NS	NS	NS	NS	
MW-1	Oct. '00		0.0637	U	U	U	2.85 B	U	109	NA	NA	NA	NA	NA	
MW-1	Nov. '03		0.099	0.005 U	0.63 U	0.005 U	NA	NA	NA	4.5	6.58	730	21.4	-45	
MW-1	Mar. '06		0.034	0.0024	1.3 U	0.0015 U	NA	NA	NA	0	6.08	540	18.2	-21	
MW-1	Apr. '08		0.0699	0.0149	0.19 U	0.0081	NA	NA	NA	1.0	6.38	557	18.8	-72.0	
MW-1	May. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	1.5	6.32	309	23.4	80.0	14.8
MW-2	Aug '91	Upper	0.023	0.079	U	0.032	7	U	NA	NS	NS	NS	NS	NS	
MW-2	Dec '91		0.0065	0.035	U	0.01	NA	NA	NA	NS	NS	NS	NS	NS	
MW-2	Jan '93		0.0078	0.043	U	0.0079	NA	NA	NA	NS	NS	NS	NS	NS	
MW-2	Oct '98		NA	NA	NA	NA	NA	NA	NA	<0.2	NS	NS	NS	126	
MW-2	Oct '00		U	U	U	U	U	U	U	NA	NA	NA	NA	NA	
MW-2	Apr '10		NA	NA	NA	NA	NA	NA	NA	0.0	5.14	1570	16.6	41	
MW-3	Aug '91	Upper	0.02	0.119	U	0.057	5.5	U	NA	NS	NS	NS	NS	NS	
MW-3	Dec '91		NA	0.052	U	0.019	NA	NA	NA	NS	NS	NS	NS	NS	
MW-3	Jan '93		U	0.095	0.06	0.017	NA	NA	NA	NS	NS	NS	NS	NS	
MW-3	Mar '06		0.003 U	0.0381	0.025 U	0.0079	NA	NA	NA	NS	6.05	181	17.2	206	
MW-3	Dry														
MW-4	Aug '91	Upper	N	0.028	U	0.0092	2.9	U	NA	NS	NS	NS	NS	NS	
MW-4	Dec '91		0.042	0.26	U	0.078	NA	NA	NA	NS	NS	NS	NS	NS	
MW-4	Jan '93		0.0074	0.024 X	U	0.0067	NA	NA	NA	NS	NS	NS	NS	NS	
MW-4	Oct '00		0.005 B	U	U	U	1.03 B	U	166	NA	NA	NA	NA	NA	
MW-4	Nov. '03		0.005 U	0.005 U	0.13 U	0.005 U	NA	NA	NA	0.9	5.90	695	21.1	47	
MW-4	Mar. '06		0.0035	0.0027	0.50 U	0.0015 U	NA	NA	NA	0.4	6.85	705	18.5	-10	
MW-4	Apr. '08		0.0681	0.0155	0.010 U	0.002 U	NA	NA	NA	8.35	6.05	767	18.3	50.0	
MW-4 DUP (DUP-425)	Apr. '08		0.0062 B	0.0055 B	0.010 U	0.002 U	NA	NA	NA	8.35	6.05	767	18.3	50.0	
MW-4	May. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.4	5.13	746	18.7	-31.0	0.0
MW-5	Aug '91	Upper	0.016	0.057	U	0.028	4.8	U	NA	NS	NS	NS	NS	NS	
MW-5	Dec '91		U	0.021	U	0.0064	NA	NA	NA	NS	NS	NS	NS	NS	
MW-5	Jan '93		0.0061	0.032	U	0.01	NA	NA	NA	NS	NS	NS	NS	NS	
MW-5	Oct '98		NA	NA	NA	NA	NA	NA	NA	0.4	NS	NS	NS	281	
MW-5 Dup.	Oct '98		NA	NA	NA	NA	NA	NA	NA	0.4	NS	NS	NS	281	
MW-5	Oct '00		U	U	U	U	1.03 B	U	83.2	NA	NA	NA	NA	NA	
MW-5	Nov. '03		0.005 U	0.005 U	0.025 U	0.005 U	NA	NA	NA	2	5.90	233	19.8	224	
MW-5	Mar. '05		0.005 U	0.005 U	0.025 U	0.003 U	NA	NA	NA	2.5	5.60	387	18.4	-163	
MW-5	Nov. '05		0.005 U	0.005 U	0.025 U	0.003 U	NA	NA	NA	3	6.10	223	22.3	215	
MW-5	Mar. '06		0.003 U	0.002 U	0.025 U	0.0015 U	NA	NA	NA	3	5.70	202	17.2	132	
MW-5	Oct. '06		0.003 U	0.005 U	0.010 U	0.0015 U	1.4	NA	33	2	5.87	228	20.1	247.8	
MW-5	Apr. '07		0.003 U	0.002 U	0.60 U	0.0015	NA	NA	NA	2.41	4.95	233	17.2	325.4	
MW-5	Oct. '07		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	1.69	5.68	231	20.2	183.7	
MW-5	Apr. '08		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.58	5.52	231	17.7	259.0	
MW-5	Sep. '08		0.003 U	0.002 U	0.010	0.0015 U	NA	NA	NA	0.44	5.79	84.7	20.4	162.0	
MW-5	Apr. '10		0.010 U	0.00544 J	0.0250 U	0.00331	NA	NA	NA	0.00	6.04	502	16.4	193	
MW-5	May. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.48	6.03	290	19.7	221	0.0
<b>MW-5</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>3.11</b>	<b>6.33</b>	<b>375</b>	<b>16.0</b>	<b>273</b>	<b>30.1</b>

TABLE 3-4. Metals and Field Parameters Measured in Groundwater

Well Name	Sample Date	Well Type	Metals						Electron Acceptor	Geochemical Parameters					
			Arsenic (mg/L)	Chromium (total) (mg/L)	Hexavalent Chromium (mg/L)	Lead (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Sodium (mg/L)	Dissolved Oxygen mg/L	pH S.U.	Conductivity µS/cm	Temperature °C	ORP mV	Turbidity NTU
MW-6	Aug '91	Upper	0.015	2.93	U	0.033	6.1	U	NA	NS	NS	NS	NS		
MW-6	Dec '91		0.117	0.662	U	0.239	NA	NA	NA	NS	NS	NS	NS		
MW-6	Jan '93		0.0092	2.44	U	0.0069	NA	NA	NA	NS	NS	NS	NS		
MW-6	Oct '00		U	2.55	U	U	1.83 B	U	69.4	NA	NA	NA	NA		
MW-6	Nov. '03		0.005 U	2.40	0.63 U	0.005 U	NA	NA	NA	0.3	5.78	510	23.6	-27	
MW-6	Mar. '06		0.003 U	1.15	1.3 U	0.0015 U	NA	NA	NA	0.2	5.83	459	17.8	4	
MW-6	Apr. '08		0.0124	22.0	0.95 U	0.0036	NA	NA	NA	12.71 U	5.64	619	17.3	-51.0	
MW-6	Apr '10		NA	NA	NA	NA	NA	NA	NA	0.33	5.81	900	17.1	-63	
MW-6	May '12		0.010 U	1.00	0.020 U	0.003 U	NA	NA	NA	0.67	5.76	302	19.8	63	6.5
MW-7	Aug '91		Upper	0.024	0.078	U	0.104	4.3	U	NA	NS	NS	NS	NS	
MW-7 DUP	Aug '91	0.03		0.101	U	0.098	6.7	U	NA	NS	6.69	NS	NS	NS	
MW-7	Dec '91	0.011		0.058	U	0.03	NA	NA	NA	NS	NS	NS	NS	NS	
MW-7	Jan '93	0.0058		0.021 X	U	0.0097	NA	NA	NA	NS	NS	NS	NS	NS	
MW-7	Oct '00	U		U	U	U	U	U	47.6	NA	NA	NA	NA	NA	
MW-7	Nov. '03	0.005 U		0.0097	0.025 U	0.005 U	NA	NA	NA	1	6.20	94	18.3	275	
MW-7	Mar. '06	0.003 U		0.002 U	0.025 U	0.0015 U	NA	NA	NA	0	5.68	15.1	15.1	98	
MW-7	Apr. '08	0.003 U		0.0083 B	0.010 U	0.0038	NA	NA	NA	4.53 U	5.72	130	16.6	393.0	
MW-7	Apr. '10	0.010 U		0.00513 J	0.0250 U	0.0027 J	NA	NA	NA	0.40	5.45	528	15.9	204	
MW-7 DUP(040910)	Apr. '10	0.010 U		0.00780 J	0.0250 U	0.00642	NA	NA	NA	0.40	5.45	528	15.9	204	
MW-7	May. '12	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA	1.31	5.22	176	18.3	247	0.0
<b>MW-7</b>	<b>May '14</b>	<b>0.010 U</b>		<b>0.0053</b>	<b>0.020 UJ</b>	<b>0.0042</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>1.92</b>	<b>5.94</b>	<b>0.199</b>	<b>14.3</b>	<b>217</b>	<b>186</b>
MW-8	Dec '91	Lower		U	U	U	U	NA	NA	NA	NS	NS	NS	NS	NS
MW-8	Jan '93			U	U	U	U	NA	NA	NA	NS	NS	NS	NS	NS
MW-8	Oct '00		U	U	U	U	2.01 B	U	17.3	NA	NA	NA	NA	NA	
MW-8	Nov. '03		0.005 U	0.005 U	0.13 U	0.005 U	NA	NA	NA	0.3	5.90	273	17.4	133	
MW-8	Mar. '06		0.0134	0.002 U	0.50 U	0.0018 B	NA	NA	NA	1	5.87	231	22.1	65	
MW-8	Apr. '08		0.003 U	0.0065 B	0.010 U	0.0048	NA	NA	NA	5.87	5.58	239	16.8	-13.0	
MW-8	Apr. '10		0.010 U	0.00447 J	0.0250 U	0.003 U	NA	NA	NA	0.00	5.98	376	17.5	26	
MW-8	Apr. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.37	5.69	255	19.2	79	0.0
<b>MW-8</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>6.19</b>	<b>265</b>	<b>18.1</b>	<b>40</b>	<b>26.7</b>
MW-9	Dec '91		Lower	U	U	U	U	NA	NA	NA	NS	NS	NS	NS	NS
MW-9	Jan '93	U		0.005 X	U	U	NA	NA	NA	NS	NS	NS	NS	NS	
MW-9 DUP	Jan '93	U		U	U	0.024	NA	NA	NA	NS	NS	NS	NS	NS	
MW-9	Nov. '03	0.005 U		0.005 U	0.050 U	0.005 U	NA	NA	NA	0.05	6.59	170	21.7	74	
MW-9	Mar. '06	0.003 U		0.002 U	0.25 U	0.004	NA	NA	NA	0.4	6.34	179	12.7	5	
MW-9	Apr. '08	0.003 U		0.0027 B	0.010 U	0.0181	NA	NA	NA	10.28 U	5.84	187	19.0	5.0	
MW-9	Apr. '10	0.010 U		0.010 U	0.0250 U	0.00719	NA	NA	NA	0.00	6.29	647	19.4	-92	
MW-9	May. '12	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA	0.27	6.35	163	19.9	-21	0.0
<b>MW-9</b>	<b>May '14</b>	<b>0.010 U</b>		<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.26</b>	<b>6.71</b>	<b>177</b>	<b>24.7</b>	<b>-23</b>	<b>10.4</b>

TABLE 3-4. Metals and Field Parameters Measured in Groundwater

Well Name	Sample Date	Well Type	Metals						Electron Acceptor	Geochemical Parameters						
			Arsenic (mg/L)	Chromium (total) (mg/L)	Hexavalent Chromium (mg/L)	Lead (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Sodium (mg/L)	Dissolved Oxygen mg/L	pH S.U.	Conductivity µS/cm	Temperature °C	ORP mV	Turbidity NTU	
MW-10	Aug '91	Lower	0.021	U	U	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	Dec '91		NA	NA	NA	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS
MW-10	Jan '93		0.022	U	U	U	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS
MW-10	Oct '98		NA	NA	NA	NA	NA	NA	NA	0.4	NS	NS	NS	NS	236	NS
MW-10	Oct '00		U	U	U	U	2.32 B	U	26.9	NA	NA	NA	NA	NA	NA	NA
MW-10	Nov. '03		0.005 U	0.005 U	0.050 U	0.005 U	NA	NA	NA	0.4	6.00	253	19.5	19.5	113	NS
MW-10	Mar. '05		0.005 U	0.005 U	0.13 U	0.003 U	NA	NA	NA	0.4	5.80	259	19.8	19.8	-110	NS
MW-10	Nov. '05		0.005 U	0.005 U	0.025 U	0.003 U	NA	NA	NA	1	7.00	278	18.7	18.7	117	NS
MW-10	Mar. '06		0.003 U	0.002 U	0.25 U	0.0015 U	NA	NA	NA	0	5.92	232	14.6	14.6	91	NS
MW-10	Jun. '06		NA	NA	NA	NA	2.2	NA	29	0.4	6.09	239	15.3	15.3	6	NS
MW-10	Oct. '06		0.003 U	0.002 U	0.010 U	0.0015 U	2.0	NA	28.9	0.8	5.83	235	18.9	18.9	34.1	NS
MW-10	Apr. '07		0.003 U	0.002 U	0.95 U	0.0015 U	NA	NA	NA	0.5	5.40	231	18.7	18.7	64.6	NS
MW-10	Oct. '07		0.003 U	0.002 U	0.10 U	0.0015 U	NA	NA	NA	0.37	5.84	227	18.1	18.1	-22.7	NS
MW-10	Apr. '08		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	1.63 U	5.96	212	18.1	18.1	-41.0	NS
MW-10	Sep. '08	0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.24 U	5.79	NA	18.2	18.2	4.0	NS	
MW-10	Apr. '10	0.010 U	0.010 U	0.0250 U	0.00259 J	NA	NA	NA	0.00	5.87	711	17.9	17.9	21	NS	
MW-10	Apr. '12	0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.62	5.93	205	19.7	19.7	28	0.0	
<b>MW-10</b>	<b>May '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.79</b>	<b>6.29</b>	<b>212</b>	<b>19.2</b>	<b>19.2</b>	<b>75</b>	<b>47.5</b>	
MW-11	Dec '91	Upper	0.167	0.251	0.03	0.113	NA	NA	NA	NA	NS	NS	NS	NS	NS	
MW-11	Jan '93		0.259	0.199	U	0.188	NA	NA	NA	NA	NS	NS	NS	NS	NS	
MW-11	Oct '00		U	U	U	U	1.31 B	U	47.5	NA	NA	NA	NA	NA	NA	
MW-11	Nov. '03		0.005 U	0.005 U	0.025 U	0.005 U	NA	NA	NA	0.5	6.20	277	17.3	17.3	238	
MW-11	Mar. '06		0.003 U	0.002 U	0.025 U	0.0015 U	NA	NA	NA	NA	6.21	382	16.0	16.0	155	
MW-11	Apr. '08		0.0048 B	0.0034 B	0.010 U	0.0064	NA	NA	NA	11.04 U	5.86	463	15.5	15.5	13.0	
MW-11	Apr. '10		0.00355 J	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.00	6.33	920	16.2	16.2	62	
MW-11	May. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.22	6.02	910	19.4	19.4	185	0.0
<b>MW-11</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.0092</b>	<b>0.020 UJ</b>	<b>0.0062</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>1.54</b>	<b>6.52</b>	<b>102</b>	<b>14.8</b>	<b>14.8</b>	<b>110</b>	<b>231</b>
MW-12	Dec '91		Upper	0.01	0.047	U	0.023	NA	NA	NA	NS	NS	NS	NS	NS	
MW-12	Jan '93	U		0.012 X	U	U	NA	NA	NA	NS	NS	NS	NS	NS		
MW-12	Oct '98	NA		NA	NA	NA	NA	NA	NA	2.2	NS	NS	NS	NS	190	
MW-12	Oct '00	U		U	U	U	2.71	U	21.3	NA	NA	NA	NA	NA	NA	
MW-12	Nov. '03	0.005 U		0.005 U	0.025 U	0.005 U	NA	NA	NA	2.5	6.04	130	23.3	23.3	314	
MW-12 DUP	Nov. '03	0.005 U		0.005 U	0.025 U	0.005 U	NA	NA	NA	2.5	6.04	130	23.3	23.3	314	
MW-12	Mar. '06	0.008 B		0.002 U	1.3 U	0.0015 U	NA	NA	NA	0.1	6.21	213	15.7	15.7	-13	
MW-12	Apr. '08	0.008 B		0.0066 B	0.010 U	0.017	NA	NA	NA	14.2 U	5.58	169	18.4	18.4	55.0	
MW-12	Apr. '10	0.010 U		0.010 U	0.0250 U	0.00266 J	NA	NA	NA	1.22	6.01	302	18.3	18.3	93	
MW-12	May. '12	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA	1.46	5.75	155	20.7	20.7	195	0.0
MW-12 DUP	May. '12	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA	1.46	5.75	155	20.7	20.7	195	0.0
<b>MW-12</b>	<b>May '14</b>	<b>0.010 U</b>		<b>0.0053</b>	<b>0.02 UJ</b>	<b>0.0039</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>2.15</b>	<b>5.42</b>	<b>140</b>	<b>18.6</b>	<b>18.6</b>	<b>230</b>	<b>129</b>
MW-13	Dec '91	Upper	0.03	0.144	U	0.047	NA	NA	NA	NA	NA	NA	NA	NA		
MW-13	Jan '93		0.034	0.117	U	0.039	NA	NA	NA	NA	NA	NA	NA	NA		
MW-13	Oct '00		U	U	U	U	1.35 B	U	26	NA	NA	NA	NA	NA		
MW-13	Nov. '03		0.005 U	0.005 U	0.025 U	0.005 U	NA	NA	NA	6	6.00	128	19.6	19.6	250	
MW-13	Mar. '06		0.003 U	0.0027 B	0.025 U	0.0015 U	NA	NA	NA	3	7.04	233	15.8	15.8	217	
MW-13	Apr. '08		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	2.76	NA	184	17.3	17.3	66.0	
MW-13	Apr. '10		0.010 U	0.00848 J	0.0250 U	0.00241 J	NA	NA	NA	4.38	5.82	885	16.7	16.7	166	
MW-13	Apr. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	2.71	6.01	260	18.2	18.2	266	0.0
<b>MW-13</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>4.23</b>	<b>6.92</b>	<b>286</b>	<b>20.4</b>	<b>20.4</b>	<b>215</b>	<b>493</b>

TABLE 3-4. Metals and Field Parameters Measured in Groundwater

Well Name	Sample Date	Well Type	Metals						Electron Acceptor	Geochemical Parameters						
			Arsenic	Chromium	Hexavalent	Lead	Potassium	Selenium	Sodium	Dissolved Oxygen	pH	Conductivity	Temperature	ORP	Turbidity	
			(mg/L)	(total) (mg/L)	Chromium (mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	mg/L	S.U.	µS/cm	°C	mV	NTU	
MW-14	Dec '91	Upper	0.051	0.343	0.05	0.123	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-14	Jan '93		0.083	0.373	U	0.173	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-14	Oct '98		NA	NA	NA	NA	NA	NA	NA	1.2	NA	NA	NA	320	NA	
MW-14	Oct '00		U	U	U	U	1.85 B	U	30.4	NA	NA	NA	NA	NA	NA	
MW-14	Nov. '03		0.005 U	0.005 U	0.025 U	0.005 U	NA	NA	NA	1.5	5.96	220	22.1	383	NA	
MW-14	Mar. '05		0.008	0.005 U	0.13 U	0.003 U	NA	NA	NA	0.15	7.28	369	19.3	-16	NA	
MW-14	Nov. '05		0.018	0.023	0.25 U	0.018	NA	NA	NA	1	7.60	215	21.0	-130	NA	
MW-14	Mar. '06		0.0133	0.0029 B	0.025 U	0.0043	NA	NA	NA	0.1	8.56	199	18.0	-49	NA	
MW-14	Jun. '06		NA	NA	NA	NA	1.0	NA	32	0.7	7.68	171	19.1	-193	NA	
MW-14	Oct. '06		0.0117	0.0045	0.010 U	0.0068	0.001 U	NA	53.7	0.2	7.79	280	19.6	-206.7	NA	
MW-14	Apr. '07		0.011	0.011	0.013 U	0.017	NA	NA	NA	0.7	7.81	158	17.9	-207.1	NA	
MW-14	Oct. '07		0.0085	0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.06	7.58	403	19.3	-165.8	NA	
MW-14 Dup (MW-63)	Oct. '07		0.010	0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.06	7.58	403	19.3	-165.8	NA	
MW-14	Apr. '08		0.0172	0.002 U	0.19 U	0.0015 B	NA	NA	NA	0.0	U	6.50	307	17.9	-26.0	NA
MW-14	Sep. '08		0.0302	0.002 U	0.20 U	0.0015 U	NA	NA	NA	0.24	U	6.50	NA	20.6	-134.0	NA
MW-14	May. '09		0.0805	0.010 U	0.500 U	0.003 U	NA	NA	NA	0.40	6.20	30	17.6	-58.0	NA	
MW-14 DUP (DUP052009)	May. '09		0.0694	0.010 U	0.500 U	0.003 U	NA	NA	NA	0.40	6.20	30	17.6	-58.0	NA	
MW-14	Nov. '09		0.0362	0.010 U	0.250 U	0.003 U	NA	NA	NA	0.00	6.31	369	18.7	-119.0	NA	
MW-14	Apr. '10		0.0723	0.00499 J	0.500 U	0.00183 J	NA	NA	NA	0.05	6.17	900	16.9	-77	NA	
MW-14	Oct. '10		0.0553	0.00409 J	0.500 U	0.00686	NA	NA	NA	0.66	6.17	449	19.3	-74	NA	
MW-14 DUP101510	Oct. '10		0.0474	0.00267 J	1.25 U	0.00516	NA	NA	NA	0.66	6.17	449	19.3	-74	NA	
MW-14	May. '11		0.0714	0.005 U	0.02 U	0.003 U	NA	NA	NA	0.00	6.15	424	18.0	-32	NA	
MW-14	Oct. '11		0.010 U	0.005 U	0.02 U	0.003 U	NA	NA	NA	0.00	4.96	392	18.0	51	NA	
MW-14	Apr. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.92	5.61	218	20.5	52	8.7	
MW-14	Oct. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	2.71	5.34	243	19.8	54	1.2	
MW-14	May '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.81	5.91	258	18.04	50	0.0	
MW-14	Nov '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.07	5.99	213	20.21	47	0.0	
MW-14	May '14		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.00	6.06	264	18.04	45	0.0	
MW-14	Nov. '14		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.00	6.09	282	17.98	253	0.0	
MW-15	Dec '91	Upper	U	0.014	U	0.0039	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-15	Jan '93		0.031	0.147	U	0.051	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-15	Oct '00		0.0195	0.0975	U	0.0428	7.63	U	36.6	NA	NA	NA	NA	NA	NA	
MW-15	Nov. '03		0.005 U	0.0062	0.025 U	0.005 U	NA	NA	NA	1	5.90	197	19.6	380	NA	
MW-15	Mar. '06		0.0151	0.0888	0.025 U	0.0364	NA	NA	NA	0.6	6.52	242	16.9	129	NA	
MW-15	Apr. '08		0.0197	0.072	0.010 U	0.0475	NA	NA	NA	8.12	6.19	262	19.3	61.0	NA	
MW-15	Apr '10		NA	NA	NA	NA	NA	NA	NA	0.00	5.36	453	16.2	277	NA	
MW-15	May '12		0.010 U	0.007	0.020 U	0.003 U	NA	NA	NA	0.86	5.45	272	18.0	254	3.3	
MW-16	Dec '91	Upper	0.0067	1.44	U	0.0042	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-16	Jan '93		0.0091	0.09	0.06	0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-16	Oct '00		0.0051 B	0.0229	U	0.006	2.73 B	U	53.5	NA	NA	NA	NA	NA	NA	
MW-16 DUP	Oct '00		U	0.0218	U	0.0036	2.64 B	U	50.5	NA	NA	NA	NA	NA	NA	
MW-16	Nov. '03		0.005 U	0.005 U	0.025 U	0.005 U	NA	NA	NA	0.4	4.10	1634	18.8	245	NA	
MW-16	Mar. '06		0.003 U	0.002 U	0.025 U	0.0015 U	NA	NA	NA	0.2	4.29	2741	17.0	201	NA	
MW-16	Apr. '08		0.003 U	0.002 U	0.020 U	0.002 U	NA	NA	NA	0.40	U	6.19	262	19.3	61.0	
MW-16	Apr. '10		0.010 U	0.00335 J	0.500 U	0.0199	NA	NA	NA	0.01	4.86	6390	14.5	171	NA	
MW-16	Apr. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.55	4.45	4530	18.0	231	0.0	
MW-16	May '14		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	2.71	5.55	8070	18.6	171	73	

TABLE 3-4. Metals and Field Parameters Measured in Groundwater

Well Name	Sample Date	Well Type	Metals						Electron Acceptor	Geochemical Parameters						
			Arsenic (mg/L)	Chromium (total) (mg/L)	Hexavalent Chromium (mg/L)	Lead (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Sodium (mg/L)	Dissolved Oxygen (mg/L)	pH S.U.	Conductivity µS/cm	Temperature °C	ORP mV	Turbidity NTU	
MW-17	Jan. '93	Lower	U	0.022 X	U	0.0079	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-17	Feb. '93		U	0.01 X	U	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-17 DUP	Feb. '93		U	0.0043 X	U	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-17	Oct '98		NA	NA	NA	NA	NA	NA	NA	<0.2	NA	NA	NA	180		
MW-17	Oct '00		U	U	U	U	2.91 B	U	45.2	NA	NA	NA	NA	NA		
MW-17	Nov. '03		0.005 U	0.005 U	0.13 U	0.005 U	NA	NA	NA	0.4	6.00	341	20.0	71		
MW-17 DUP	Nov. '03		0.005 U	0.005 U	0.13 U	0.005 U	NA	NA	NA	0.4	6.00	341	20.0	78		
MW-17	Mar. '06		0.003 U	0.002 U	0.25 U	0.0015 U	NA	NA	NA	0.3	7.38	320	20.0	18		
MW-17 DUP (MW-B)	Mar. '06		0.003 U	0.002 U	0.25 U	0.0015 U	NA	NA	NA	0.3	7.38	320	20.0	18		
MW-17	Apr. '08		0.004 B	0.0122	0.010 U	0.002 U	NA	NA	NA	1.34	U	5.65	335	18.7	-60.0	
MW-17	Apr '10		NA	NA	NA	NA	NA	NA	NA	0.01		5.94	573	18.0	-67	
MW-17	May '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.22		6.12	281	19.6	-53	0.0
MW-19	Jan '93		Upper	U	0.019 X	U	0.0046	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-19	Feb '93			U	0.024 X	U	0.0089	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-20	Jan '93	0.12		0.445	U	0.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-20	Feb '93	0.079		0.323	U	0.152	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-20	Nov. '03	0.005 U		0.005 U	0.025 U	0.005 U	NA	NA	NA	1	5.90	159	23.9	354		
MW-20	Mar. '06	0.003 U		0.002 U	0.025 U	0.0015 U	NA	NA	NA	2	7.08	210	18.1	224		
MW-20	Apr. '08	0.0187		0.0295	0.010 U	0.0334	NA	NA	NA	12.22	U	5.95	342	18.2	47.0	
MW-20	Oct. '11	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA	1.16		6.25	624	21.7	204.0	
MW-20	May. '12	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA	4.30		5.58	221	21.1	239.0	0.0
<b>MW-20</b>	<b>May '14</b>	<b>0.010 U</b>		<b>0.0051</b>	<b>0.020 U</b>	<b>0.0067</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>2.26</b>		<b>6.03</b>	<b>301</b>	<b>20.1</b>	<b>18.0</b>	<b>281</b>
MW-21	Jan '93	0.047		0.616	U	0.159	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-21	Feb '93	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-23S	Jan '93	Upper		0.165	1.23	0.21	0.164	NA	NA	NA	NA	NA	NA	NA	NA	
MW-23	Feb '93			0.134	1.18	0.279	0.174	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-23	Oct '00		U	0.0367	U	U	1.72 B	U	135	NA	NA	NA	NA	NA		
MW-23	Nov. '03		0.005 U	0.005 U	0.025 U	0.005 U	NA	NA	NA	1	6.40	370	17.5	283		
MW-23	Mar. '06		0.003 U	0.0068	0.025 U	0.0015 U	NA	NA	NA	0.3	7.56	615	19.0	176		
MW-23	Oct. '06		0.0042	0.243	0.010 U	0.0035	NA	0.003 U	NA	0.3	6.20	691	22.5	155.4		
MW-23	Apr. '07		0.003 U	0.090	NA	0.0015 U	NA	0.003 U	NA	NA	NA	NA	NA	NA	NA	
MW-23	Oct. '07		0.003 U	0.0065	NA	0.002 U	NA	0.002 U	NA	NA	NA	NA	NA	NA	NA	
MW-23 (Dup RT-9)	Oct. '07		0.003 U	0.0060	NA	0.0015 U	NA	0.003 U	NA	NA	NA	NA	NA	NA	NA	
MW-23	Apr. '08		0.008 B	0.544	0.010 U	0.0151	NA	0.003 U	NA	0.33	6.27	575	19.0	261.0		
MW-23	Sep. '08		0.0369	3.45	0.010 U(4)	0.0559	NA	0.003 U	NA	0.02	U	5.69	NA	23.2	161.0	
MW-23 DUP (926/0810039-0)	Sep. '08		0.0336	3.35	0.023	0.0557	NA	0.003 U	NA	0.02	U	5.69	NA	23.2	161.0	
MW-23	May. '09		0.010 U	0.0393	0.0250 U	0.003 U	NA	0.003 U	NA	0.40		6.30	54	19.5	136.0	
MW-23	Oct. '09		0.00776 J	0.259	0.0250 U	0.00694	NA	0.003 U	NA	1.81		6.30	886	21.0	215.0	
MW-23	Apr. '10	0.010 U	0.153	0.0360	0.0023 J	NA	0.003 U	NA	0.00		6.35	900	17.9	113		
MW-23	May. '11	0.010 U	0.0361	0.02 U	0.0030 U	NA	0.005 U	NA	0.00		6.05	1100	20.7	20		
MW-23	May. '12	0.010 U	0.005 U	0.020 U	0.003 U	NA	0.005 U	NA	0.25		6.42	882	21.9	82	0.0	
MW-23	May '13	0.010 U	0.018	0.020 U	0.003 U	NA	0.005 U	NA	0.64		6.2	533	20.6	124	9.3	
<b>MW-23</b>	<b>May '14</b>	<b>0.010 U</b>	<b>0.032</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>0.005 U</b>	<b>NA</b>	<b>2.69</b>		<b>6.97</b>	<b>0.501</b>	<b>20.92</b>	<b>179</b>	<b>78.1</b>	
MW-24	Jan. 1993	Upper	0.165	0.184	U	0.06	NA	NA	NA	NA	NA	NA	NA	NA		
MW-24	Feb. 1993		0.111	0.069 X	U	0.034	NA	NA	NA	NA	NA	NA	NA	NA	NA	

TABLE 3-4. Metals and Field Parameters Measured In Groundwater

Well Name	Sample Date	Well Type	Metals						Electron Acceptor	Geochemical Parameters						
			Arsenic (mg/L)	Chromium (total) (mg/L)	Hexavalent Chromium (mg/L)	Lead (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Sodium (mg/L)	Dissolved Oxygen (mg/L)	pH S.U.	Conductivity (µS/cm)	Temperature (°C)	ORP (mV)	Turbidity (NTU)	
MW-25S	Jan '93	Upper	0.144	0.476	U	0.166	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-25	Feb '93		0.119	0.378	U	0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-25	Oct '00		U	U	U	U	1.08 B	U	89.9	NA	NA	NA	NA	NA	NA	
MW-25	Nov. '03		0.005 U	0.005 U	0.025 U	0.005 U	NA	NA	NA	3	6.40	260	17.7	205		
MW-25	Mar. '06		0.003 U	0.002 U	1.3 U	0.0015 U	NA	NA	NA	0.6	7.26	294	19.9	80		
MW-25	Apr. '08		0.003 U	0.0173	0.010 U	0.0085	NA	NA	NA	4.54	U	5.87	NA	19.8	110.0	
MW-25	Apr. '10		0.010 U	0.00225 J	0.0250 U	0.003 U	NA	NA	NA	0.92		5.93	390	19.6	96	
MW-25	May. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.86		6.56	319	21.2	123	0.4
<b>MW-25</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.017</b>	<b>0.020 U</b>	<b>0.014</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>1.35</b>		<b>6.44</b>	<b>552</b>	<b>18.0</b>	<b>38</b>	<b>236</b>
MW-41	Nov '03		Upper	0.005 U	3.5	3.6	0.005 U	NA	NA	NA	3	5.97	390	19.9	313	
MW-41	Mar. '05	0.0078		0.005 U	0.25 U	0.003 U	NA	NA	NA	0.05	6.70	333	19.6	NA		
MW-41	Nov. '05	0.007		0.005 U	0.025 U	0.003 U	NA	NA	NA	0.8	7.50	330	19.4	-155		
MW-41	Mar. '06	0.0059 B		0.002 U	0.025 U	0.0015 U	NA	NA	NA	0.8	8.70	334	17.5	-57		
MW-41	Jun. '06	NA		NA	NA	NA	1.4	NA	57	0.6	8.07	325	18.2	-200		
MW-41	Oct. '06	0.012		0.002 U	0.010 U	0.0015 U	2.1	NA	62.4	0.6	8.79	321	19.5	-269.8		
MW-41	Apr. '07	0.0042		0.002 U	0.038 U	0.0015 U	NA	NA	NA	0.7	8.95	294	18.5	-340.7		
MW-41	Oct. '07	0.0048		0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.14	9.44	313	19.2	-152		
MW-41	Apr. '08	0.0103		0.002 U	0.010 U	0.0015 U	NA	NA	NA	5.6	U	9.48	322	18.2	-339.0	
MW-41	Sep. '08	0.0169		0.0287	0.010 U	0.0081	NA	NA	NA	0.3	U	9.69	NA	20.7	-287.0	
MW-41	May. '09	0.0073 B		0.010 U	0.500 U	0.003 U	NA	NA	NA	0.4		7.55	27	17.9	-256.0	
MW-41	Oct. '09	0.0142		0.00241 J	0.0250 U	0.003 U	NA	NA	NA	0.0		9.87	368	19.0	-269.0	
MW-41	Apr. '10	0.00748 J		0.00619 J	0.0250 U	0.00395	NA	NA	NA	0.00		9.50	891	17.8	-297	
MW-41	Oct. '10	0.00864 J		0.00760 J	0.0250 U	0.00343	NA	NA	NA	0.00		9.91	476	19.6	-259	
MW-41	May. '11	0.0117		0.0498	0.02 U	0.0042	NA	NA	NA	0.00		9.76	729	18.0	-380	
MW-41	Oct. '11	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA	0.00		9.69	481	18.8	-283	
MW-41	May. '12	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA	0.57		8.98	364	19.5	-246	0.0
MW-41 <sup>11</sup>	Oct. '12	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA	0.68		6.11	285	19.8	-206	24.7 <sup>11</sup>
MW-41	May. '13	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA	0.43		9.48	295	18.87	-226	0
MW-41 (Dup)	May. '13	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA							
MW-41	Nov. '13	0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.74		9.71	277	20.67	-184	8	
<b>MW-41</b>	<b>May '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.0</b>		<b>9.68</b>	<b>405</b>	<b>21.4</b>	<b>-232</b>	<b>57.8</b>	
<b>MW-41</b>	<b>Nov. '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.36</b>		<b>10.03</b>	<b>262</b>	<b>19.3</b>	<b>-168</b>	<b>0.0</b>	

TABLE 3-4. Metals and Field Parameters Measured in Groundwater

Well Name	Sample Date	Well Type	Metals						Electron Acceptor	Geochemical Parameters					
			Arsenic (mg/L)	Chromium (total) (mg/L)	Hexavalent Chromium (mg/L)	Lead (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Sodium (mg/L)	Dissolved Oxygen mg/L	pH S.U.	Conductivity µS/cm	Temperature °C	ORP mV	Turbidity NTU
MW-42	Nov. '03	Lower	0.005 U	2.6	0.13 U	0.005 U	NA	NA	NA	0.2	6.00	520	21.0	80	
MW-42	Mar. '05		0.005 U	0.005 U	0.25 U	0.003 U	NA	NA	NA	0.2	5.90	520	20.2	-199	
MW-42	Nov. '05		0.005 U	0.005 U	0.25 U	0.003 U	NA	NA	NA	0	6.60	732	20.3	-81	
MW-42	Mar. '06		0.003 U	0.002 U	0.50 U	0.0015 U	NA	NA	NA	0	6.17	674	17.8	-66	
MW-42	Jun. '06		NA	NA	NA	NA	3.3	NA	92	0.3	6.45	650	19.3	-112	
MW-42	Oct. '06		0.003 U	0.002 U	0.038 U	0.0015 U	2.8	NA	79	0.4	6.17	551	18.5	-104.8	
MW-42	Apr. '07		0.003 U	0.002 U	0.95 U	0.0015 U	NA	NA	NA	0.2	5.78	395	18.6	-222.4	
MW-42	Oct. '07		0.003 U	0.002 U	0.20 U	0.0015 U	NA	NA	NA	0.1	5.99	407	18.5	8.0	
MW-42	Apr. '08		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	4.29 U	6.67	404	18.6	-84.0	
MW-42	Sep. '08		0.003 U	0.0022 B	0.010 U	0.002 B	NA	NA	NA	0.18 U	6.25	NA	18.0	-95.0	
MW-42	May. '09		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	6.02	5.70	46	18.5	-169.0	
MW-42	Oct. '09		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.00	6.36	513	18.8	-206.0	
MW-42	Apr. '10		0.010 U	0.00314 J	0.0250 U	0.00174 J	NA	NA	NA	0.0	6.32	791	18.1	-193	
MW-42	Oct. '10		0.010 U	0.010 U	0.0250 U	0.00179 J	NA	NA	NA	1.08	6.25	649	18.6	-181	
MW-42	May. '11		0.010 U	0.005 U	0.02 U	0.003 U	NA	NA	NA	0.00	6.23	367	18.7	-175	
MW-42	Oct. '11		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.00	6.25	324	18.0	-164	
MW-42	May. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.22	6.53	306	19.3	-105	0.0
MW-42	Oct. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.31	5.94	131	20.1	-78	0.0
MW-42	May. '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	1.24	6.28	436	21.79	-46	0.0
MW-42	Nov. '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.00	6.53	308	19.91	-36	0.0
<b>MW-42</b>	<b>May '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>1.38</b>	<b>6.86</b>	<b>405</b>	<b>20.8</b>	<b>-100</b>	<b>2.7</b>	
<b>MW-42</b>	<b>Nov. '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.14</b>	<b>6.71</b>	<b>322</b>	<b>18.4</b>	<b>-36</b>	<b>0.0</b>	
MW-43	Mar. '05	PRB Upper	0.005 U	0.0086	0.025 U	0.003 U	NA	NA	NA	0.2	10.64	769	18.4	-660	
MW-43	Nov. '05		0.005 U	0.005 U	0.025 U	0.003 U	NA	NA	NA	0.2	10.40	576	19.8	-421	
MW-43	Apr. '06		0.003 U	0.002 U	0.025 U	0.0015 U	NA	NA	NA	1	NA	464	18.3	-391	
MW-43S(Std. Purge)	Jun. '06		NA	NA	NA	NA	2.6	NA	71	0.4	10.80	476	19.6	-394	
MW-43	Oct. '06		0.003 U	0.002 U	0.010 U	0.0015 U	3.0	NA	82	0.87	10.51	635	21.3	-326.7	
MW-43 DUP (MW-AC)	Oct. '06		0.003 U	0.002 U	0.010 U	0.0015 U	2.9	NA	81	0.87	10.51	635	21.3	-326.7	
MW-43	May '07		0.003 U	0.002 U	U	0.0015 U	NA	NA	NA	0.06	10.69	471	18.8	-400	
MW-43	Oct '07		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.1	10.38	606	20.4	-226	
MW-43	Apr '08		0.003 U	0.002 U	0.010 U	0.002 U	NA	NA	NA	2.13 U	10.90	523	17.1	-178.0	
MW-43	Sep '08		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.09 U	10.37	NA	20.6	-216.0	
MW-43	May '09		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.60	10.98	38	18.2	-494.0	
MW-43	Oct '09		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.00	10.56	737	18.6	-72.0	
MW-43	Apr '10		0.010 U	0.00218 J	0.0250 U	0.00233 J	NA	NA	NA	0.0	10.64	635	17.4	-145	
MW-43	Oct '10		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.67	10.06	868	22.6	-119	
MW-43	May '11		0.010 U	0.005 U	0.02 U	0.003 U	NA	NA	NA	0.00	10.02	421	21.2	-106	
MW-43	Oct '11		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.05	10.30	412	19.7	-92	
MW-43	May '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.41	10.97	309	20.2	-144	0.0
MW-43	Oct '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	1.26	10.13	316	21.4	-46	0.0
MW-43	May '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.47	10.65	236	22.45	-158	0.0
MW-43	Nov '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.17	10.29	331	20.79	-90	0.0
<b>MW-43</b>	<b>May '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>10.29</b>	<b>257</b>	<b>20.96</b>	<b>-154</b>	<b>67.0</b>	
<b>MW-43</b>	<b>Nov. '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>10.13</b>	<b>385</b>	<b>20.67</b>	<b>-46</b>	<b>0.0</b>	

TABLE 3-4. Metals and Field Parameters Measured In Groundwater

Well Name	Sample Date	Well Type	Metals							Electron Acceptor	Geochemical Parameters					
			Arsenic	Chromium	Hexavalent	Lead	Potassium	Selenium	Sodium	Dissolved Oxygen	pH	Conductivity	Temperature	ORP	Turbidity	
			(mg/L)	(total) (mg/L)	Chromium (mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)		mg/L	S.U.	µS/cm	°C	mV	NTU
MW-44	Mar. '05	PRB Lower	0.005 U	0.017	0.025 U	0.0034	NA	NA	NA	0.2	10.87	426	18.6	-790		
MW-44 DUP	Mar. '05		0.005 U	0.015	0.025 U	0.003 U	NA	NA	NA	0.2	10.87	426	18.6	-790		
MW-44	Nov. '05		0.005 U	0.005 U	0.025 U	0.003 U	NA	NA	NA	0.2	10.80	447	16.7	-475		
MW-44	Apr. '06		0.003 U	0.002 U	0.025 U	0.0015 U	NA	NA	NA	1	NA	349	19.2	-373		
MW-44 DUP (MW-F)	Apr. '06		0.003 U	0.002 U	0.025 U	0.0015 U	NA	NA	NA	NS	NS	NS	NS	NS		
MW-44S (Std. Purge)	Jun. '06		NA	NA	NA	NA	2.5	NA	61	0.4	10.29	365	18.4	-192		
MW-44	Oct. '06		0.003 U	0.002 U	0.010 U	0.0015 U	2.3	NA	56	0.4	10.70	372	19.7	-318.6		
MW-44	May '07		0.003 U	0.002 U	U	0.0015 U	NA	NA	NA	0.08	10.00	332	19.1	-216		
MW-44	Oct '07		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.09	10.34	400	19.2	-339		
MW-44	Apr '08		0.003 U	0.0023 B	0.010 U	0.002 U	NA	NA	NA	1.41	U	10.99	353	17.6	-300.0	
MW-44	Sep '08		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.15	U	10.40	NA	19.1	-290.0	
MW-44	May '09		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	18.30		8.60	31	18.3	-323.0	
MW-44	Oct '09		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.00		10.41	360	18.1	-126.0	
MW-44	Apr '10		0.010 U	0.00215 J	0.0250 U	0.00176 J	NA	NA	NA	6.28		10.47	900	19.9	-221	
MW-44	Oct '10		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	1.55		10.89	568	21.3	-161	
MW-44	May '11		0.010 U	0.005 U	0.02 U	0.003 U	NA	NA	NA	0.00		9.06	179	20.2	-197	
MW-44	Oct '11		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.10		10.79	443	18.7	-199	
MW-44	May '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.41		10.69	364	21.0	-151	36.3
MW-44	Oct '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.49		8.46	380	19.8	-223	9.9
MW-44	May '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.25		10.61	374	18.99	-164	1.9
MW-44	Nov '13	0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.15		10.55	333	19.01	-223	1.6	
<b>MW-44</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>10.55</b>	<b>329</b>	<b>21.66</b>	<b>-166</b>	<b>0.0</b>	
<b>MW-44</b>	<b>Nov '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>1.60</b>	<b>10.58</b>	<b>300</b>	<b>20.57</b>	<b>88</b>	<b>4.7</b>	
MW-45	Nov. '03	Upper	0.005 U	0.005 U	1.6	0.005 U	NA	NA	NA	2	5.80	492	19.1	206		
MW-45	Mar. '05		0.005 U	2.5	2.6	0.003 U	NA	NA	NA	1.5	5.80	462	18.4	-15		
MW-45	Nov. '05		0.005 U	0.890	0.90	0.003 U	NA	NA	NA	1	6.00	449	19.8	NA		
MW-45	Mar. '06		0.003 U	3.37	2.8	0.0015 U	NA	NA	NA	2	5.74	395	18.3	186		
MW-45	Jun. '06		NA	NA	NA	NA	2.4	NA	57	0.14	NS	NS	NS	NS		
MW-45	Oct. '06		0.003 U	0.641	0.67	0.0015 U	3.0	NA	71.0	0.6	5.90	580	18.2	146.2		
MW-45	Apr. '07		0.003 U	1.02	0.48	0.0015 U	NA	NA	NA	0.26	5.44	498	17.2	182.2		
MW-45	Oct. '07		0.003 U	0.310	0.28	0.0015 U	NA	NA	NA	0.06	5.88	583	18.1	64.0		
MW-45	Apr. '08		0.003 U	0.933	0.76	0.0015 U	NA	NA	NA	0.00	U	5.28	483	17.8	21.0	
MW-45	Sep. '08		0.0168	1.21	0.47	0.0249	NA	NA	NA	0.21	U	6.11	NA	18.7	157.0	
MW-45	May. '09		0.0047 B	0.784	0.717	0.003 U	NA	NA	NA	6.62		5.30	54	18.4	187.0	
MW-45	Oct. '09		0.010 U	0.659	0.259	0.003 U	NA	NA	NA	0.00		5.80	660	18.4	129.0	
MW-45	Apr. '10		0.010 U	0.842	2.05	0.003 U	NA	NA	NA	0.06		5.84	999	17.1	200	
MW-45	Oct. '10		0.010 U	0.877	0.307	0.00317	NA	NA	NA	5.80		5.83	910	18.1	174	
MW-45	May. '11		0.010 U	0.709	0.34	0.003 U	NA	NA	NA	0.08		5.84	896	17.7	209	
MW-45	Oct. '11		0.010 U	0.084	0.020 U	0.003 U	NA	NA	NA	0.00		5.87	917	18.2	142	
MW-45	May. '12		0.010 U	0.190	0.190	0.003 U	NA	NA	NA	0.37		6.09	869	18.5	246	0.0
MW-45 DUP	May. '12		0.010 U	0.180	0.190	0.003 U	NA	NA	NA							
MW-45	Oct. '12		0.010 U	0.090	0.098	0.003 U	NA	NA	NA	0.68		5.43	820	19.3	175	0.3
MW-45	May. '13		0.010 U	0.17	0.15	0.003 U	NA	NA	NA	0.69		5.98	616	17.96	219	0.0
MW-45	Nov. '13	0.010 U	0.18	0.2	0.003 U	NA	NA	NA	0.00		5.98	850	19.77	226	0.0	
<b>MW-45</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.350</b>	<b>0.38</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>5.87</b>	<b>816</b>	<b>17.86</b>	<b>168</b>	<b>0.0</b>	
<b>MW-45</b>	<b>Nov. '14</b>		<b>0.010 U</b>	<b>0.190</b>	<b>0.19</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.11</b>	<b>6.07</b>	<b>628</b>	<b>17.95</b>	<b>86</b>	<b>0.0</b>	

TABLE 3-4. Metals and Field Parameters Measured In Groundwater

Well Name	Sample Date	Well Type	Metals						Electron Acceptor	Geochemical Parameters					
			Arsenic	Chromium	Hexavalent	Lead	Potassium	Selenium	Sodium	Dissolved Oxygen	pH	Conductivity	Temperature	ORP	Turbidity
			(mg/L)	(total) (mg/L)	Chromium (mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)		mg/L	S.U.	µS/cm	°C	mV
MW-46	Nov. '03	Lower	0.005 U	0.420	0.069	0.005 U	NA	NA	NA	0.3	6.08	460	21.9	250	
MW-46	Mar. '05		0.005 U	0.056	0.13 U	0.003 U	NA	NA	NA	0.2	6.00	436	18.0	-59	
MW-46	Nov. '05		0.005 U	0.013	0.13 U	0.003	NA	NA	NA	0.3	6.10	462	19.6	65	
MW-46	Mar. '06		0.003 U	0.0063 B	0.25 U	0.0015 U	NA	NA	NA	0.8	5.93	438	17.4	117	
MW-46	Jun. '06		NA	NA	NA	NA	3.0	NA	56	1	6.31	460	18.9	-53	
MW-46	Oct. '06		0.003 U	0.0163	0.048 U	0.0015 U	2.9	NA	54.1	0.65	5.91	469	16.6	24.6	
MW-46	Apr. '07		0.003 U	0.0027	9.5 U	0.0015 U	NA	NA	NA	0.4	5.66	458	18.3	51.4	
MW-46	Oct. '07		0.003 U	0.002 U	0.01 U	0.0015 U	NA	NA	NA	0.08	5.95	464	17.9	-20.2	
MW-46	Apr. '08		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.00 U	5.48	430	18.1	43.0	
MW-46	Sep. '08		0.0263	2.86	0.010 U	0.012	NA	NA	NA	0.18 U	5.98	NA	17.9	-23.0	
MW-46 DUP (DUP-923)	Sep. '08		0.0057 B	0.676	0.20 U	0.0038	NA	NA	NA	0.18 U	5.98	NA	17.9	-23.0	
MW-46	May. '09		0.010 U	0.002 B	0.0250 U	0.003 U	NA	NA	NA	0.50	6.11	NA	18.7	59.0	
MW-46	Oct. '09		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.00	6.06	582	18.1	47.0	
MW-46	Apr. '10		0.010 U	0.00238 J	0.250 U	0.003 U	NA	NA	NA	0.19	6.07	900	18.2	15	
MW-46 DUP 040710	Apr. '10		0.010 U	0.00231 J	0.250 U	0.003 U	NA	NA	NA	0.19	6.07	900	18.2	15	
MW-46	Oct. '10		0.010 U	0.00468 J	0.0250 U	0.00198 J	NA	NA	NA	0.08	5.97	743	18.0	0	
MW-46	May. '11		0.010 U	0.005 U	0.02 U	0.003 U	NA	NA	NA	0.00	5.50	900	18.5	31	
MW-46	Oct. '11		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.00	5.77	990	17.8	-19	
MW-46 DUP 101911	Oct. '11		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.00	5.77	990	17.8	-19	
MW-46	May. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.38	5.96	626	18.8	27	0.0
MW-46	Oct. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.38	5.89	573	17.7	13	1.4
MW-46	May. '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	2.68	5.89	575	18.49	82	49.7
MW-46	Nov. '13		0.010 U	0.015	0.020 U	0.003 U	NA	NA	NA	0.22	6.06	475	19.71	47	0
<b>MW-46</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>6.27</b>	<b>455</b>	<b>17.95</b>	<b>31</b>	<b>14.8</b>
<b>MW-46</b>	<b>Nov. '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.04</b>	<b>6.24</b>	<b>409</b>	<b>18.28</b>	<b>59</b>	<b>5.9</b>
MW-47	Nov. '03	Upper	0.005 U	0.005 U	0.025 U	0.005 U	NA	NA	NA	3	5.80	410	21.4	355	
MW-47	Mar. '05		0.027	0.005 U	1.3 U	0.003 U	NA	NA	NA	0	7.12	328	18.8	91	
MW-47	Nov. '05		0.005 U	0.019	0.25 UD	0.003 U	NA	NA	NA	0	6.80	147	20.0	-77	
MW-47	Mar. '06		0.0161	0.002 U	0.25 U	0.0027 B	NA	NA	NA	1	7.68	90	17.1	-91	
MW-47	Jun. '06		NA	NA	NA	NA	1.0 U	NA	14	0.2	6.86	93	17.9	-147	
MW-47	Oct. '06		0.0102	0.002 U	0.010 U	0.0015 U	0.001 U	NA	13.2	0	6.62	98	19.2	-99.4	
MW-47	Apr. '07		0.0094	0.002 U	0.19 U	0.0015 U	NA	NA	NA	0.7	6.67	170	18.3	-133	
MW-47 DUP (MW-JT)	Apr. '07		0.0096	0.002 U	1.9 U	0.0015 U	NA	NA	NA	0.7	6.67	170	18.3	-133	
MW-47	Oct. '07		0.011	0.002 U	0.20 U	0.0015 U	NA	NA	NA	0.1	6.21	91	18.7	-42.7	
MW-47	Apr. '08		0.0281	0.008 B	0.010 U	0.0153	NA	NA	NA	NA U	NA	NA	NA	NA	
MW-47	Sep. '08		0.0283	0.0137	0.010 U	0.0204	NA	NA	NA	0.90 U	6.90	NA	19.5	-154.0	
MW-47	May. '09		0.0098 B	0.010 U	0.0250 U	0.0017 B	NA	NA	NA	0.40	6.20	9	17.8	-123.0	
MW-47	Nov. '09		0.00846 J	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.00	6.79	440	18.2	-123.0	
MW-47	Apr. '10		0.011	0.00317 J	0.0250 U	0.0048	NA	NA	NA	0.00	6.75	288	17.8	-158	
MW-47	Oct. '10		0.00942 J	0.00654 J	0.0250 U	0.00768	NA	NA	NA	4.73	6.36	169	18.4	-151	
MW-47	May. '11		0.0104	0.005 U	0.02 U	0.003 U	NA	NA	NA	0.00	6.44	120	17.7	-164	
MW-47	Oct. '11		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.00	6.35	108	17.7	-154	
MW-47	May. '12		0.011	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.27	6.97	123	19.3	-150	0.0
MW-47	Oct. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.42	6.69	117	18.5	-112	0.2
MW-47	May. '13		0.01 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.73	6.99	129	18.32	-149	0.0
MW-47	Nov. '13		0.012	0.005 U	0.020 U	0.003 U	NA	NA	NA	1.32	6.79	120	18.45	-65	0.0
<b>MW-47</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>6.85</b>	<b>129</b>	<b>16.08</b>	<b>-161</b>	<b>0.0</b>
<b>MW-47</b>	<b>Nov. '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.04</b>	<b>6.24</b>	<b>409</b>	<b>18.28</b>	<b>59</b>	<b>5.9</b>

TABLE 3-4. Metals and Field Parameters Measured In Groundwater

Well Name	Sample Date	Well Type	Metals							Electron Acceptor	Geochemical Parameters				
			Arsenic	Chromium	Hexavalent	Lead	Potassium	Selenium	Sodium	Dissolved Oxygen	pH	Conductivity	Temperature	ORP	Turbidity
			(mg/L)	(total) (mg/L)	Chromium (mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)		mg/L	S.U.	µS/cm	°C	mV
MW-48	Nov. '03	Lower	0.005 U	0.005 U	0.025 U	0.005 U	NA	NA	NA	0.7	5.90	120	20.0	367	
MW-48	Mar. '05		0.056	0.005 U	1.3 U	0.003 U	NA	NA	NA	0	7.22	310	19.8	-87	
MW-48	Nov. '05		0.068	0.005 U	0.63 U	0.003 U	NA	NA	NA	0	6.80	282	19.6	-85	
MW-48	Mar. '06		0.0709	0.002 U	0.25 U	0.0015 U	NA	NA	NA	0	7.21	224	18.5	-72	
MW-48	Jun. '06		NA	NA	NA	NA	1.0 U	NA	28	0.28	7.01	191	18.5	-153	
MW-48	Oct. '06		0.0618	0.002 U	0.063 U	0.0015 U	1.6	NA	32.7	0.8	6.86	350	17.5	-123.7	
MW-48	Apr. '07		0.055	0.002 U	9.5 (4)	0.0015 U	NA	NA	NA	0.5	6.39	217	18.6	-103.6	
MW-48	Oct. '07		0.073	0.002 U	0.95 U	0.0015 U	NA	NA	NA	0.27	6.49	354	18.0	-65.4	
MW-48	Apr. '08		0.0087 B	0.002 U	0.010 U	0.0022 B	NA	NA	NA	NA U	NA	NA	NA	NA	
MW-48	Sep. '08		0.0582	0.002 U	0.81	0.0015 U	NA	NA	NA	0.18 U	6.75	NA	17.8	-199.0	
MW-48	May. '09		0.0372	0.010 U	0.500 U	0.003 U	NA	NA	NA	0.50	6.70	29	18.2	-123.0	
MW-48	Nov. '09		0.0519	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.00	6.80	337	17.8	-120.0	
MW-48	Apr. '10		0.0490	0.00247 J	0.500 U	0.00246 J	NA	NA	NA	0.00	6.55	464	17.6	-114	
MW-48	Oct. '10		0.0835	0.0022 J	0.500 U	0.00254 J	NA	NA	NA	0.00	6.66	594	18.1	-154	
MW-48	May. '11		0.0436	0.005 U	0.02 U	0.003 U	NA	NA	NA	0.00	6.81	427	17.7	-159	
MW-48	Oct. '11		0.0730	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.00	6.25	594	17.0	-109	
MW-48	May. '12		0.0600	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.20	6.77	345	19.7	-110	0.0
MW-48	Oct. '12		0.0670	0.005 U	0.020 U	0.003 U	NA	NA	NA	1.91	6.50	402	18.4	-115	2.0
MW-48 DUP	Oct. '12		0.0690	0.005 U	0.020 U	0.003 U	NA	NA	NA						
MW-48	May. '13		0.067	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.43	6.69	312	18.79	-119	0.0
MW-48	Nov. '13		0.054	0.005 U	0.020 U	0.003 U	NA	NA	NA	1.54	6.61	299	18.88	-57	0.0
<b>MW-48</b>	<b>May '14</b>		<b>0.074</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>6.40</b>	<b>313</b>	<b>16.98</b>	<b>-106</b>	<b>0.0</b>
<b>MW-48</b>	<b>Nov. '14</b>		<b>0.064</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>Na</b>	<b>NA</b>	<b>NA</b>	<b>0.77</b>	<b>6.56</b>	<b>288</b>	<b>16.46</b>	<b>-50</b>	<b>2.0</b>
MW-49	Mar. '05		PRB Lower	0.005 U	0.0056	1.3 U	0.003 U	NA	NA	NA	0	6.80	228	17.5	-150
MW-49	Nov. '05	0.005 U		0.005 U	0.025 U	0.003 U	NA	NA	NA	0	7.10	167	NA	-259	
MW-49	Apr. '06	0.003 U		0.002 U	0.025 U	0.0015 U	NA	NA	NA	0.4	NA	101	18.7	-34	
MW-49S(Std. Purge)	Jun. '06	NA		NA	NA	NA	1.6	NA	17	0.9	9.90	129	19.4	-269	
MW-49	Oct. '06	0.003 U		0.002 U	0.010 U	0.0015 U	1.4	NA	15	0.6	9.98	119	19.7	-99	
MW-49	May '07	0.003 U		0.002 U	U	0.0015 U	NA	NA	NA	0.03	9.46	165	18.5	-244	
MW-49	Oct '07	0.003 U		0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.26	9.27	182	18.8	-168.9	
MW-49	Apr '08	0.003 U		0.0031 B	0.010 U	0.0023 B	NA	NA	NA	4.88 U	8.90	183	18.1	-360.0	
MW-49 DUP (DUP-430)	Apr '08	0.003 U		0.002 U	0.010 U	0.002 U	NA	NA	NA	4.88 U	8.90	183	18.1	-360.0	
MW-49	Sep '08	0.003 U		0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.17	9.19	NA	18.6	-467.0	
MW-49 DUP (926/0810039-0)	Sep '08	0.003 U		0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.17 U	9.19	NA	18.6	-467.0	
MW-49	May '09	0.010 U		0.010 U	0.0250 U	0.0016 B	NA	NA	NA	0.30	9.00	18	17.9	-296.0	
MW-49	Oct '09	0.010 U		0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.00	9.21	280	19.3	-135.0	
MW-49	Apr '10	0.010 U		0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.00	9.17	512	17.3	-407	
MW-49	Oct '10	0.010 U		0.00216 J	0.0250 U	0.003 U	NA	NA	NA	2.75	9.23	422	22.3	-269	
MW-49	May '11	0.010 U		0.005 U	0.02 U	0.003 U	NA	NA	NA	0.00	8.45	474	19.7	-158	
MW-49	Oct '11	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA	0.04	9.04	226	17.9	-225	
MW-49	May '12	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA	0.64	7.94	348	21.4	-302	0.0
MW-49	Oct '12	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA	0.67	7.61	272	20.1	-223	0.0
MW-49	May '13	0.010 U		0.005 U	0.040 U	0.003 U	NA	NA	NA	1.9	7.63	257	17.97	-256	19.2
MW-49	Nov '13	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA	3.34	8.24	197	21.22	-190	51
<b>MW-49</b>	<b>May '14</b>	<b>0.010 U</b>		<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>9.58</b>	<b>230</b>	<b>18.88</b>	<b>-257</b>	<b>2.2</b>
<b>MW-49</b>	<b>Nov. '14</b>	<b>0.010 U</b>		<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>8.78</b>	<b>234</b>	<b>18.4</b>	<b>68</b>	<b>2.9</b>

TABLE 3-4. Metals and Field Parameters Measured In Groundwater

Well Name	Sample Date	Well Type	Metals							Electron Acceptor	Geochemical Parameters					
			Arsenic	Chromium	Hexavalent	Lead	Potassium	Selenium	Sodium	Dissolved Oxygen	pH	Conductivity	Temperature	ORP	Turbidity	
			(mg/L)	(total) (mg/L)	Chromium (mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)		mg/L	S.U.	µS/cm	°C	mV	NTU
MW-50	Mar. '05	PRB Upper	0.005 U	0.005 U	0.25 U	0.003 U	NA	NA	NA	0	7.80	199	18.4	-107		
MW-50	Nov. '05		0.005 U	0.005 U	0.025 U	0.003 U	NA	NA	NA	1	9.50	49	20.5	-269		
MW-50	Apr. '06		0.003 U	0.002 U	0.025 U	0.0015 U	NA	NA	NA	0.1	NA	102	18.4	-231		
MW-50S(Std. Purge)	Jun. '06		NA	NA	NA	NA	1.0 U	NA	12	0.7	9.20	94	19.9	-331		
MW-50	Oct. '06		0.003 U	0.002 U	0.010 U	0.0015 U	0.001 U	NA	6.2	0.5	10.07	59	21.9	-213.7		
MW-50	May '07		0.003 U	0.002 U	U	0.0015 U	NA	NA	NA	0.07	9.69	97	21.2	-86		
MW-50	Oct '07		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.02	9.74	79	21.2	-377.9		
MW-50	Apr '08		0.003 U	0.0166	0.010 U	0.002 U	NA	NA	NA	4.97	U	8.48	297	16.5	-402.0	
MW-50	Sep '08		0.003 U	0.0076 B	0.010 U	0.0015 B	NA	NA	NA	0.18	U	9.42	NA	22.0	-405.0	
MW-50	May '09		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.30		8.70	42	18.7	-654.0	
MW-50	Oct '09		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.00		9.20	63.2	21.1	-630.0	
MW-50	Apr '10		0.010 U	0.010 U	0.500 U	0.003 U	NA	NA	NA	0.00		7.31	900	15.7	-350	
MW-50	Oct '10		0.010 U	0.00272 J	0.0250 U	0.003 U	NA	NA	NA	0.0		7.43	NA	22.9	-268	
MW-50	May '11		0.010 U	0.005 U	0.02 U	0.003 U	NA	NA	NA	0.0		7.32	220	20.3	-310	
MW-50	Oct '11		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.0		7.79	351	19.5	-327	
MW-50	May '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.5		7.49	655	23.3	-248	0.2
MW-50	Oct '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.0		8.00	367	21.9	-358	0.0
MW-50	May '13		0.010 U	0.005 U	0.040 U	0.003 U	NA	NA	NA	3.49		7.94	613	18.6	-352	1.7
MW-50	Nov '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.11		7.76	530	19.66	-296	6.4
<b>MW-50</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>8.85</b>	<b>604</b>	<b>18.2</b>	<b>-462</b>	<b>3.3</b>	
<b>MW-50</b>	<b>Nov. '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>7.51</b>	<b>470</b>	<b>20.2</b>	<b>-37</b>	<b>0.0</b>	
MW-51	Nov. '03	Upper	0.005 U	0.005 U	0.025 U	0.005 U	NA	NA	NA	0.6	5.70	100	21.2	367		
MW-51	Mar. '05		0.005 U	0.005 U	0.025 U	0.003 U	NA	NA	NA	0.9	5.20	72	18.5	20		
MW-51	Nov. '05		0.005 U	0.005 U	0.025 U	0.003 U	NA	NA	NA	1	5.40	80	20.1	92		
MW-51	Mar. '06		0.003 U	0.002 U	0.025 U	0.0015 U	NA	NA	NA	0.2	5.26	58	16.6	163		
MW-51	Jun. '06		NA	NA	NA	NA	1.2	NA	11	0.63	5.55	88	17.2	-54		
MW-51	Oct. '06		0.003 U	0.002 U	0.010 U	0.0015 U	0.001 U	NA	8.9	3	5.34	65	18.5	290.8		
MW-51	Apr. '07		0.003 U	0.002 U	0.038 U	0.0015 U	NA	NA	NA	0.98	3.87	90	17.3	-7.3		
MW-51	Oct. '07		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.7	5.31	113	17.8	227.7		
MW-51	Apr. '08		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	18.68	6.48	137	16.6	12.0		
MW-51	Sep. '08		0.003 U	0.0096 B	0.10 U(4)	0.0065	NA	NA	NA	1.22	U	5.54	NA	18.6	181.0	
MW-51	May. '09		0.010 U	0.0077 B	0.0250 U	0.003 U	NA	NA	NA	7.19		5.40	17	16.2	232.0	
MW-51	Oct. '09		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.72		5.54	130	17.8	336.0	
MW-51	Apr. '10		0.010 U	0.00599 J	0.0250 U	0.003 U	NA	NA	NA	0.12		5.47	412	16.4	195	
MW-51	Oct. '10		0.010 U	0.00424 J	0.0250 U	0.00392	NA	NA	NA	0.34		5.30	198	18.1	247	
MW-51	May. '11		0.010 U	0.033	0.03	0.003 U	NA	NA	NA	0.00		5.07	424	16.9	271	
MW-51	Oct. '11		0.010 U	0.033	0.020 U	0.003 U	NA	NA	NA	0.11		5.15	329	17.5	167	
MW-51	May. '12		0.010 U	0.055	0.054	0.003 U	NA	NA	NA	1.30		5.66	211	19.5	252	0.0
MW-51	Oct. '12		0.010 U	0.059	0.057	0.003 U	NA	NA	NA	0.38		5.44	211	18.6	315	0.7
MW-51	May '13		0.010 U	0.053	0.043	0.003 U	NA	NA	NA	4.17		5.71	242	15.33	208	0.0
MW-51	Nov '13		0.010 U	0.034	0.039	0.003 U	NA	NA	NA	1.8		5.61	177	17.66	222	0.8
MW-51 (Dup)	Nov '13		0.010 U	0.2	0.020 U	0.003 U	NA	NA	NA							
<b>MW-51</b>	<b>May '14</b>			<b>0.010 U</b>	<b>0.051</b>	<b>0.062</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>5.88</b>	<b>210</b>	<b>14.13</b>	<b>241</b>	<b>3.8</b>
<b>MW-51</b>	<b>Nov. '14</b>			<b>0.010 U</b>	<b>0.005</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.95</b>	<b>5.77</b>	<b>164</b>	<b>15.48</b>	<b>216</b>	<b>2.7</b>

TABLE 3-4. Metals and Field Parameters Measured In Groundwater

Well Name	Sample Date	Well Type	Metals							Electron Acceptor	Geochemical Parameters				
			Arsenic (mg/L)	Chromium (total) (mg/L)	Hexavalent Chromium (mg/L)	Lead (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Sodium (mg/L)	Dissolved Oxygen (mg/L)	pH S.U.	Conductivity (µS/cm)	Temperature (°C)	ORP (mV)	Turbidity (NTU)
MW-52	Nov. '03	Lower	0.005 U	0.005 U	0.025 U	0.005 U	NA	NA	NA	0.4	5.73	160	20.6	285	
MW-52	Mar. '05		0.005 U	0.005 U	0.13 U	0.003 U	NA	NA	NA	1.5	5.20	141	18.3	72	
MW-52	Nov. '05		0.005 U	0.005 U	0.025 U	0.003 U	NA	NA	NA	0.2	5.80	151	21.0	105	
MW-52 DUP	Nov. '05		0.005 U	0.005 U	0.025 U	0.003 U	NA	NA	NA	0.2	5.80	151	21.0	105	
MW-52	Mar. '06		0.003 U	0.002 U	0.025 U	0.0015 U	NA	NA	NA	0	5.59	145	20.2	192	
MW-52	Jun. '06		NA	NA	NA	NA	1.6	NA	18	0.16	5.61	152	17.9	-96	
MW-52	Oct. '06		0.003 U	0.002 U	0.010 U	0.0015 U	1.5	NA	17	0.1	5.72	161	17.4	117.8	
MW-52	Apr. '07		0.003 U	0.002 U	0.038 U	0.0015 U	NA	NA	NA	0.1	4.31	168	17.7	-38.3	
MW-52	Oct. '07		0.003 U	0.002 U	0.20 U	0.0015 U	NA	NA	NA	0.05	5.58	164	17.0	67.2	
MW-52	Apr. '08		0.003 U	0.002 U	0.038 U	0.0015 U	NA	NA	NA	6.68 U	6.10	151	17.3	-19.0	
MW-52	Sep. '08		0.003 U	0.0046 B	0.20 U	0.0029 B	NA	NA	NA	0.00 U	4.88	NA	17.4	90.0	
MW-52	May. '09		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.20	5.60	17	17.3	129.0	
MW-52	Oct. '09		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.00	5.67	235	17.6	155.0	
MW-52 DUP (DUP-102909)	Oct. '09		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.00	5.67	235	17.6	155.0	
MW-52	Apr. '10		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.00	5.42	249	16.7	90	
MW-52	Oct. '10		0.010 U	0.010 U	0.0250 U	0.0033	NA	NA	NA	0.00	5.47	930	17.3	66	
MW-52	May. '11		0.010 U	0.005 U	0.02 U	0.003 U	NA	NA	NA	0.00	5.37	237	18.1	95	
MW-52	Oct. '11		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.00	5.33	257	16.9	55	
MW-52	May. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.37	5.38	172	21.0	111	0.0
MW-52	Oct. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.24	4.36	187	17.5	90	1.4
MW-52	May. '13	0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	2.78	5.48	194	17.36	123	3	
MW-52	Nov. '13	0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.95	5.75	196	17.47	96	9.5	
<b>MW-52</b>	<b>May '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>1.68</b>	<b>5.76</b>	<b>173</b>	<b>15.06</b>	<b>157</b>	<b>9.7</b>	
<b>MW-52</b>	<b>Nov. '14</b>	<b>0.010 U</b>	<b>0.039</b>	<b>0.036</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>1.71</b>	<b>5.88</b>	<b>139</b>	<b>16.27</b>	<b>237</b>	<b>0.0</b>	
MW-53	Nov. '03	Upper	0.005 U	0.005 U	0.025 U	0.005 U	NA	NA	NA	0.7	5.70	111	20.00	335	
MW-53	Mar. '05		0.005 U	0.005 U	0.025 U	0.003 U	NA	NA	NA	0.8	5.40	128	NA	10	
MW-53	Nov. '05		0.005 U	0.005 U	0.025 U	0.003 U	NA	NA	NA	0.4	5.50	109	19.40	113	
MW-53	Mar. '06		0.003 U	0.002 U	0.025 U	0.0015 U	NA	NA	NA	0.3	5.71	104	16.70	155	
MW-53	Jun. '06		NA	NA	NA	NA	1.0	NA	10	1.9	5.56	80	17.08	164	
MW-53	Oct. '06		0.003 U	0.002 U	0.010 U	0.0015 U	1.6	NA	16.7	2	5.71	151	17.51	251.7	
MW-53	Apr. '07		0.003 U	0.002 U	0.038 U	0.0015 U	NA	NA	NA	0.2	4.09	106	16.05	-49.3	
MW-53	Oct. '07		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.11	5.66	155	17.63	81.9	
MW-53	Apr. '08		0.003 U	0.002 U	0.010 U	0.0027 B	NA	NA	NA	2.13	5.18	139	15.70	46.0	
MW-53	Sep. '08		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.26 U	5.74	NA	18.41	157.0	
MW-53	Apr. '10		0.010 U	0.00312 J	0.0250 U	0.00355	NA	NA	NA	1.31	5.70	124	14.80	208	
MW-53	May. '12		0.010 U	0.056	0.056	0.003 U	NA	NA	NA	0.26	5.81	205	18.39	237	0.0
<b>MW-53</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.020</b>	<b>0.02 U</b>	<b>0.0048</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>2.19</b>	<b>5.73</b>	<b>111</b>	<b>14.77</b>	<b>298</b>	<b>214</b>

TABLE 3-4. Metals and Field Parameters Measured in Groundwater

Well Name	Sample Date	Well Type	Metals							Electron Acceptor	Geochemical Parameters				
			Arsenic (mg/L)	Chromium (total) (mg/L)	Hexavalent Chromium (mg/L)	Lead (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Sodium (mg/L)	Dissolved Oxygen mg/L	pH S.U.	Conductivity µS/cm	Temperature °C	ORP mV	Turbidity NTU
MW-54	Nov. '03	Lower	0.005 U	0.005 U	0.025 U	0.005 U	NA	NA	NA	0.6	7.20	110	18.90	320	
MW-54	Mar. '05		0.005 U	0.005 U	0.025 U	0.003 U	NA	NA	NA	0.4	5.60	134	18.10	-45	
MW-54	Nov. '05		0.005 U	0.005 U	0.025 U	0.003 U	NA	NA	NA	0.2	5.70	150	19.00	127	
MW-54	Mar. '06		0.003 U	0.002 U	0.025 U	0.0015 U	NA	NA	NA	1	6.63	129	16.60	216	
MW-54	Jun. '06		NA	NA	NA	NA	1.5	NA	18	0.1	5.82	141	18.17	-32	
MW-54	Oct. '06		0.003 U	0.002 U	0.010 U	0.0015 U	1.4	NA	17.9	1	5.58	148	17.20	235	
MW-54	Apr. '07		0.003 U	0.002 U	0.038 U	0.0015 U	NA	NA	NA	0.14	4.17	137	17.32	119.5	
MW-54	Oct. '07		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.05	5.47	141	16.84	86.0	
MW-54	Apr. '08		0.003 U	0.002 U	0.010 U	0.0037	NA	NA	NA	1.28 U	5.04	131	16.80	31.0	
MW-54	Sep. '08		0.003 U	0.0042 B	0.12	0.0038	NA	NA	NA	0.19 U	5.55	NA	16.89	189.0	
MW-54	Apr. '10		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.00	5.62	209	15.90	264	
MW-54	May. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.29	5.70	145	19.02	253	0.0
<b>MW-54</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.05</b>	<b>5.98</b>	<b>156</b>	<b>18.11</b>	<b>196</b>	<b>0.0</b>
MW-55	Oct. '12		Upper	0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.63	5.58	157	19.4	93
MW-55	May. '13	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA	7.87	5.79	148	18.93	116	0
MW-55	Nov. '13	0.010 U		0.005 U	0.020 U	0.003 U	NA	NA	NA	0.56	5.62	154	18.66	78	2.4
<b>MW-55</b>	<b>May '14</b>	<b>0.011 U</b>		<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>5.88</b>	<b>154</b>	<b>18.53</b>	<b>70</b>	<b>7.5</b>
<b>MW-55</b>	<b>Nov. '14</b>	<b>0.010 U</b>		<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>7.59</b>	<b>5.30</b>	<b>163</b>	<b>16.09</b>	<b>290</b>	<b>4.3</b>
MW-56	Oct. '12	Lower	0.010 U	0.005 U	0.0200 U	0.003 U	NA	NA	NA	0.58	4.99	160	19.28	119	0.4
MW-56	May. '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.14	5.56	144	18.14	-61	0
MW-56	Nov. '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	9.68	5.55	149	16.63	85	9.6
MW-56 (Dup)	Nov. '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA						
<b>MW-56</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>5.69</b>	<b>148</b>	<b>19.21</b>	<b>143</b>	<b>10.0</b>
<b>MW-56</b>	<b>Nov. '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>1.44</b>	<b>5.19</b>	<b>149</b>	<b>17.23</b>	<b>351</b>	<b>8.5</b>
MW-57	Oct. '12	Upper	0.010 U	0.005 U	0.0200 U	0.003 U	NA	NA	NA	0.82	6.01	227	19.19	-70	0.0
MW-57	May. '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	2.58	6.11	212	18.91	5	25
MW-57	Nov. '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.38	6.27	218	17.96	-49	0.0
<b>MW-57</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>6.40</b>	<b>223</b>	<b>19.38</b>	<b>-88</b>	<b>0.0</b>
<b>MW-57</b>	<b>Nov. '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.14</b>	<b>6.20</b>	<b>218</b>	<b>17.5</b>	<b>175</b>	<b>0.0</b>
MW-58	Oct. '12	Upper	0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	1.40	5.44	211	19.2	88	0.0
MW-58 DUP	Oct. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA						
MW-58	May. '13		0.010 U	0.005 U	NA	0.003 U	NA	NA	NA	3.64	5.79	294	18.56	157	0.6
MW-58	Nov. '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	1.39	5.96	219	18.76	205	0.0
<b>MW-58</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.54</b>	<b>5.92</b>	<b>269</b>	<b>16.68</b>	<b>192</b>	<b>0.0</b>
<b>MW-58</b>	<b>Nov. '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>1.98</b>	<b>6.20</b>	<b>249</b>	<b>17.09</b>	<b>81</b>	<b>4.4</b>	
MW-59	Oct. '12	Lower	0.010 U	0.005 U	0.0200 U	0.003 U	NA	NA	NA	0.59	5.23	238	18.8	75	0.7
MW-59	May. '13		0.010 U	0.005 U	NA	0.003 U	NA	NA	NA	0.54	6.22	246	18.89	26	0.0
MW-59	Nov. '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.00	5.95	226	18.24	141	0.0
<b>MW-59</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.00</b>	<b>6.14</b>	<b>228</b>	<b>15.85</b>	<b>139</b>	<b>0.6</b>
<b>MW-59</b>	<b>Nov. '14</b>		<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>0.02</b>	<b>6.16</b>	<b>213</b>	<b>16.90</b>	<b>108</b>	<b>4.1</b>
MW-60	Nov. '13		0.01 U	0.360	0.10 U	0.0052	NA	NA	NA	3.85	6.67	491	21.6	-50	397
MW-61	Nov. '13		0.010 U	0.210	0.10 U	0.003 U	NA	NA	NA	1.94	6.51	471	21.9	-133	95.4
MW-61 (Dup)	Nov. '13		0.010 U	0.200	0.02 U	0.003 U	NA	NA	NA						

TABLE 3-4. Metals and Field Parameters Measured in Groundwater

Well Name	Sample Date	Well Type	Metals						Electron Acceptor	Geochemical Parameters					
			Arsenic (mg/L)	Chromium (total) (mg/L)	Hexavalent Chromium (mg/L)	Lead (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Sodium (mg/L)	Dissolved Oxygen mg/L	pH S.U.	Conductivity μS/cm	Temperature °C	ORP mV	Turbidity NTU
RT-1	Jan '93	Upper	NA	0.019	U	NA	NA	NA	NA	NS	NS	NA	NA	NA	
RT-1 DUP	Jan '93		NA	0.045	U	NA	NA	NA	NA	NS	NS	NA	NA	NA	
RT-1	Oct '00		U	U	U	U	U	87.8	NA	NA	NA	NA	NA	NA	
RT-1	Nov. '03		0.005 U	0.0063	0.025 U	0.005 U	NA	NA	NA	1.5	5.75	480	21.8	323	
RT-1	Mar. '06		NA	NA	0.025 U	NA	NA	NA	NA	0.6	6.75	424	19.1	231	
RT-1	Apr. '08		0.003 U	0.0029 B	0.010 U	0.0021 B	NA	0.003 U	NA	0.19	5.63	445	17.9	275.0	
RT-1	Sep. '08		0.003 U	0.002 U	0.010 U	0.0015 U	NA	NA	NA	0.06	5.15	NA	20.4	75.0	
RT-1	May. '09		0.010 U	0.010 U	0.0250 U	0.003 U	NA	NA	NA	0.20	5.62	9.93	18.8	244.0	
RT-1	Oct. '09		0.010 U	0.00239 J	0.0250 U	0.003 U	NA	NA	NA	1.65	5.76	489	19.0	-139.0	
RT-1	Apr. '10		0.010 U	0.00358 J	0.0250 U	0.003 U	NA	0.003 U	NA	0.00	5.94	900	17.58	175	
RT-1	May. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	NA	NA	0.97	5.63	443	21.02	243	0.0
<b>RT-1</b>	<b>May '14</b>		<b>0.010 U</b>	<b>0.0066</b>	<b>0.02 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>1.52</b>	<b>5.90</b>	<b>382</b>	<b>16.58</b>	<b>232</b>	<b>68.3</b>
RT-2	Jan '93		Upper	NA	20.1	18	NA	NA	NA	NS	NS	NS	NS	NS	
RT-2	Oct '00			U	7.22	7.8	U	2.21 B	U	68.9	NA	NA	NA	NA	NA
RT-2	Nov. '03	0.005 U		8.2	9.0	0.005 U	NA	NA	NA	5	6.00	677	21.2	313	
RT-2	Mar. '06	NA		NA	44	NA	NA	NA	NA	5	6.93	578	18.1	58	
RT-2	Oct. '06	0.003 U		21.6	18.6	0.0015 U	NA	0.003 U	NA	NA	NA	NA	NA	NA	
RT-2 DUP (MWRT-AC)	Oct. '06	0.003 U		21	25.7	0.0015 U	NA	0.003 U	NA	NA	NA	NA	NA	NA	
RT-2	Apr. '07	0.003 U		14	NA	0.0015 U	NA	0.003 U	NA	0.5	5.63	401	18.94	218.1	
RT-2	Oct. '07	0.003 U		10	NA	0.0015 U	NA	0.003 U	NA	0.14	5.95	527	21.28	147.1	
RT-2	Apr. '08	0.003 U		3.84	3.1	0.0077	NA	0.003 U	NA	0.15	5.40	497	19.10	211.0	
RT-2	Sep. '08	0.0116		3.79	1.8 (4)	0.0252	NA	0.003 U	NA	3.89	5.49	NA	21.40	152.0	
RT-2	May. '09	0.0048 B		0.816	0.755	0.003 U	NA	0.003 U	NA	5.77	5.60	60	19.00	187.0	
RT-2	Oct. '09	0.010 U		0.748	0.517	0.003 U	NA	0.003 U	NA	0.00	6.06	86	21.10	219.0	
RT-2	Apr. '10	0.010 U		0.0971	0.0637	0.00267 J	NA	0.003 U	NA	0.00	5.99	982	17.70	211	
RT-2	May. '11	0.010 U		2.08	2.2	0.003 U	NA	0.005 U	NA	0.00	5.88	679	19.61	165	
RT-2	May. '12	0.010 U		0.057	0.044	0.003 U	NA	0.005 UL	NA	0.46	5.96	501	21.36	227	0.0
RT-2	May. '13	0.010 U		0.028	0.020	0.003 U	NA	0.005 U	NA	3.97	5.92	371	19.18	170	9.1
<b>RT-2</b>	<b>May '14</b>	<b>0.010 U</b>		<b>0.330</b>	<b>0.020 U</b>	<b>0.0054</b>	<b>NA</b>	<b>0.005 U</b>	<b>NA</b>	<b>1.29</b>	<b>5.90</b>	<b>578</b>	<b>17.70</b>	<b>222</b>	<b>89.6</b>
RT-3	Jan. '93	Upper		NA	58.8	51	NA	NA	NA	NA	NS	NS	NS	NS	
RT-3	Oct '00			U	6.89	6.4	U	1.9 B	U	108	NA	NA	NA	NA	NA
RT-3	Nov. '03		0.005 U	23	28	0.005 U	NA	NA	NA	12	6.04	640	20.6	250	
RT-3	Nov '03		NA	NA	NA	NA	NA	NA	NA	NA	6.79	480	17.7	NA	
RT-3	Mar. '06		NA	NA	38	NA	NA	NA	NA	12	6.94	544	19.1	29	
RT-3	Apr. '08		0.003 U	12.9	12	0.002 U	NA	NA	NA	0.41	5.96	624	19.0	265.0	
RT-3	May. '12		0.010 U	0.045	0.020 U	0.003 U	NA	NA	NA	0.26	6.21	775	23.2	100.0	0.0

TABLE 3-4. Metals and Field Parameters Measured in Groundwater

Well Name	Sample Date	Well Type	Metals						Electron Acceptor	Geochemical Parameters							
			Arsenic (mg/L)	Chromium (total) (mg/L)	Hexavalent Chromium (mg/L)	Lead (mg/L)	Potassium (mg/L)	Selenium (mg/L)	Sodium (mg/L)	Dissolved Oxygen (mg/L)	pH S.U.	Conductivity (µS/cm)	Temperature (°C)	ORP (mV)	Turbidity (NTU)		
RT-4	Jan. '93	Upper	NA	<b>0.132</b>	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
RT-4	Oct '00		0.0078 B	U	U	U	U	104	NA	NA	NA	NA	NA	NA	NA	NA	NA
RT-4	Nov. '03		<b>0.016</b>	0.006	NA	0.005 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RT-4	Mar. '06		NA	NA	0.025 U	NA	NA	NA	NA	NA	8.08	571	28.7	NA	NA	NA	NA
RT-4	Oct. '06		<b>0.0123</b>	0.005	0.010 U	0.0015 U	NA	0.003 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RT-4	Apr. '07		<b>0.013</b>	0.002 U	NA	0.0015 U	NA	0.003 U	NA	6.4	6.56	519	18.47	130.8	NA	NA	NA
RT-4	Oct. '07		<b>0.011</b>	0.002 U	NA	0.0015 U	NA	0.003 U	NA	3.01	6.5	529	19.65	45.8	NA	NA	NA
RT-4	Apr. '08		<b>0.0129</b>	0.002 U	0.010 U	0.002 U	NA	0.003 U	NA	5.03	U	6.32	480	18.10	205.0	NA	NA
RT-4	Sep. '08		<b>0.0131</b>	0.002 U	0.010 U	0.0024 B	NA	0.003 U	NA	1.49	U	6.53	NA	20.25	22.0	NA	NA
RT-4	May. '09		<b>0.008 B</b>	0.010 U	0.0250 U	0.003 U	NA	0.003 U	NA	0.80	U	6.90	47	19.30	60.0	NA	NA
RT-4	Nov. '09		<b>0.0139</b>	0.010 U	0.0250 U	0.003 U	NA	0.003 U	NA	0.86	U	6.79	750	19.20	14.0	NA	NA
RT-4	Apr. '10		<b>0.0128</b>	0.0073 J	0.0250 U	0.003 U	NA	0.003 U	NA	6.71	U	6.79	990	18.50	72	NA	NA
RT-4	May. '11		<b>0.015</b>	0.005 U	0.020 U	0.003 U	NA	0.005 U	NA	9.68	U	6.97	676	19.59	203	NA	NA
RT-4	May. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	0.005 U	NA	5.97	U	7.10	494	19.50	217	7.8	NA
RT-4	May. '13		0.010	0.005 U	0.020 U	0.003 U	NA	0.005 U	NA	7.21	U	6.87	469	17.04	151	5.0	NA
<b>RT-4</b>	<b>May '14</b>		<b>0.010</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>	<b>NA</b>	<b>0.005 U</b>	<b>NA</b>	<b>3.48</b>	<b>U</b>	<b>6.58</b>	<b>448</b>	<b>17.94</b>	<b>150</b>	<b>69.2</b>	<b>NA</b>
RT-5	Jan. '93	Upper	NA	<b>0.181</b>	U	NA	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	
RT-5	Oct '00		U	0.0092 B	U	U	1.94 B	U	62.8	NA	NA	NA	NA	NA	NA	NA	NA
RT-5	Nov. '03		0.005 U	0.024	0.025 U	0.005 U	NA	NA	NA	1	5.79	440	16.7	180	NA	NA	NA
RT-5	Mar. '06		NA	NA	0.025 U	NA	NA	NA	NA	0.6	5.61	455	18.6	9	NA	NA	NA
RT-5	Oct. '06		0.003 U	0.0038	0.010 U	0.0015 U	NA	0.003 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
RT-5	Apr. '07		0.003 U	0.0029	NA	0.0015 U	NA	0.003 U	NA	0.69	5.66	425	18.49	51.9	NA	NA	NA
RT-5 DUP (RT-KK)	Apr. '07		0.003 U	0.0065	NA	0.0015 U	NA	0.003 U	NA	0.69	5.66	425	18.49	51.9	NA	NA	NA
RT-5	Oct. '07		0.003 U	0.0030	NA	0.0015 U	NA	0.003 U	NA	0.6	5.95	527	21.28	183.7	NA	NA	NA
RT-5	Apr. '08		0.0034 B	<b>0.286</b>	0.010 U	0.009	NA	0.003 U	NA	0.0	U	5.68	386	18.50	148.0	NA	NA
RT-5	Sep. '08		<b>0.0216</b>	<b>0.345</b>	0.010 U	<b>0.0241</b>	NA	0.003 U	NA	3.24	U	5.65	NA	20.50	90.0	NA	NA
RT-5	May. '09		0.010 U	0.0033 B	0.0250 U	0.003 U	NA	0.003 U	NA	0.90	U	6.10	26	18.80	133.0	NA	NA
RT-5	Oct. '09		0.00383 J	0.0319	0.0250 U	0.003 U	NA	0.003 U	NA	1.55	U	5.91	292	20.10	132.0	NA	NA
RT-5	Apr. '10		0.010 U	0.00369 J	0.0250 U	0.00300 U	NA	0.003 U	NA	0.18	U	6.15	900	17.40	184	NA	NA
RT-5	May. '11		0.010 U	0.005 U	0.02 U	0.003 U	NA	0.005 U	NA	0.28	U	5.74	249	18.75	176	NA	NA
RT-5	May. '12		0.010 U	0.005 U	0.020 U	0.003 U	NA	0.005 U	NA	1.49	U	6.06	281	19.79	220	0.0	NA
RT-5	May. '13		0.010 U	0.005 U	0.020 U	0.003 U	NA	0.005 U	NA	1.28	U	6.00	255	18.58	224	0.0	NA
<b>RT-5</b>	<b>May '14</b>	<b>0.010 U</b>	<b>0.033</b>	<b>0.2 J</b>	<b>0.0034</b>	<b>NA</b>	<b>0.005 U</b>	<b>NA</b>	<b>1.54</b>	<b>U</b>	<b>6.25</b>	<b>275</b>	<b>16.84</b>	<b>228</b>	<b>44.4</b>	<b>NA</b>	

Notes:

\* Shading indicates that result exceeded USEPA MCLs

Bolded text indicates values obtained during the current reporting period

U = Below Detection Limit

D = Result from sample dilution

J = Result was estimated

B = The constituent was also detected in a blank

E = Exceeds the highest concentration level on the standard curve

L = A negative instrument reading had an absolute value greater than the reporting limit

X = Result associated with a laboratory contaminant

NA = Not Available or Not Analyzed

NS = Analyte was not sampled

(4) = The Sample was analyzed out of the USEPA holding time

t1 - turbidity for October 2012 event is suspect; meter reading progressed from less than 10 NTU to 24.7 during purging, but samples were visibly clearer.

TABLE 3-5. QC Results Summary

Field QC	Sample Event	Medium	Sample ID	Lab ID	Frequency Required	Required Frequency Met?	Measurement Performance Criteria	Performance Criteria Met?
<b>Spring 2014 Sampling Event (T&amp;M Associates)</b>								
Field Blank	5/6/2014	Groundwater	EB-101-GW	240-36960-14	1 per medium per 20 field samples collected, or 1 per medium per event if fewer than 20 samples collected	yes	All compounds of interest < or = RL	yes
	5/7/2014		EB-201-2014-S	240-37050-09		yes		yes
	5/8/2014		EB-301-GW	240-37110-12		yes		yes
	5/9/2014		EB-401-2014-S	240-37110-13		yes		yes
	5/12/2014		EB-501-2014-S	240-37110-14		yes		yes
	5/8/2014	Surface Water	EB-302-SW	240-37219-05		yes		yes
	5/8/2014	Sediment	EB-303-SD	240-37266-05		yes		yes
Field Duplicate	5/6/2014	Groundwater	FD-01-2014-S (F. Dup. of MW-44-2014-S)	240-36960-04		yes	+/- 50% RPD with provisions for wider acceptance limits near the detection limits	yes
	5/8/2014	Groundwater	FD-02-2014-S (F. Dup. of RT-2-2014-S)	240-37135-05		yes		yes
	5/8/2014	Surface Water	FD-03-SW-2014-S (F. Dup. of SW-19-2014-S)	240-37135-11		yes		yes
	5/8/2014	Sediment	FD-04-SD-2014-S (F. Dup. of SD-4-2014-S)	240-37110-20		yes		yes
MS/MSD	5/6/2014	Groundwater	MW-50-2014-S (Sample used for MS/MSD)	240-36960-05		yes		yes
	5/7/2014		MW-45-2014-S (Sample used for MS/MSD)	240-37050-01		yes		yes
	5/7/2014		MW-12-2014-S (Sample used for MS/MSD Cr6+ only)	240-37050-07		yes		yes
	5/8/2014		RT-5-2014-S (Sample used for MS/MSD)	240-37110-01	yes	yes		
	5/8/2014	Surface Water	SW-12-2014-S (Sample used for MS/MSD)	240-37110-09	yes	yes		
	5/8/2014	Sediment	SD-12-2014-S (Sample used for MS/MSD)	240-37154-18	yes	yes		
<b>Fall 2014 Sampling Event (T&amp;M Associates)</b>								
Field Blank	11/6/2014	Groundwater	FB-301-2014-F	240-44061-09	1 per medium per 20 field samples collected, or 1 per medium per event if fewer than 20 samples collected	yes	All compounds of interest < or = RL	yes
Field Duplicate	11/6/2014	Groundwater	FD-201-2014-F (Dup. of MW-43-2014-F)	240-44061-05	1 per medium per 20 field samples collected, or 1 per medium per event if fewer than 20 samples collected	yes	+/- 50% RPD with provisions for wider acceptance limits near the detection limits	yes
	11/7/2014	Surface Water	FD-301-2014-F (Dup. of SW-19-2014-F)	240-44149-06		yes		yes
MS/MSD	11/6/2014	Groundwater	MW-55-2014-F (Sample used for MS/MSD)	240-44061-01		yes	yes	
	11/7/2014	Surface Water	SW-12-2014-F (Sample used for MS/MSD)	240-44149-04		yes	yes	

TABLE 3-6. Results for VOCs Detected in Surface Water

Sample Locations	Sample Date	TABLE 3-6. Results for VOCs Detected in Surface Water											
		Tetrachloroethene (mg/L)	Trichloroethene (mg/L)	cis-1,2-Dichloroethene (mg/L)	Vinyl chloride (mg/L)	1,2-Dichloroethene (Total) (mg/L)	Toluene (mg/L)	Xylene (total) (mg/L)	1,2-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	trans-1,2-Dichloroethene (mg/L)	1,1,2-Trichloroethane (mg/L)	Benzene (mg/L)
SW-22A	May '93	0.001 U	0.001 U	NA	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	0.001 U
SW-22B	May '93	0.001 U	0.001 U	NA	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	0.001 U
SW-22C	May '93	0.001 U	0.001 U	NA	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	0.001 U
SW-22	Nov '03	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22 DUP	Nov '03	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Feb '04	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
SW-22	May '04	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Aug '04	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Nov '04	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Mar '05	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	May '05	0.0003 U	0.0002 U	0.0003 U	0.0005 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0003 U	0.0003 U	0.0002 U	0.0002 U
SW-22	Jan '06	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Mar '06	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22 DUP (SW-A)	Mar '06	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Jul '06	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Oct '06	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22 DUP (SW-AB)	Oct '06	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	May '07	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22 Dup (SW-30)	May '07	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Jul '07	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Oct '07	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Apr '08	0.001 U	0.00041 JB	0.00017 J	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Sep '08	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.00044 J	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22 DUP (DUP-92908)	Sep '08	0.001 U	0.0058	0.030	0.0034	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	May '09	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Nov '09	0.001 U	0.001 U	0.00022 J	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Apr '10	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22 DUP 041310	Apr '10	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Jul '10	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22 DUP 072910	Jul '10	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Oct '10	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	May '11	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
SW-22	Oct '11	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	May '12	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22-DUP	May '12	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Oct '12	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22-DUP	Oct '12	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	May '13	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-22	Nov '13	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
<b>SW-22</b>	<b>May '14</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>NA</b>	<b>0.001 U</b>	<b>NA</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>NA</b>	<b>0.001 U</b>	<b>0.001 U</b>
<b>SW-22</b>	<b>Nov '14</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>NA</b>	<b>0.001 U</b>	<b>NA</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>NA</b>	<b>0.001 U</b>	<b>0.001 U</b>

TABLE 3-6. Results for VOCs Detected in Surface Water

Sample Locations	Sample Date	Tetrachloroethene (mg/L)	Trichloroethene (mg/L)	cis-1,2-Dichloroethene (mg/L)	Vinyl chloride (mg/L)	1,2-Dichloroethene (Total) (mg/L)	Toluene (mg/L)	Xylene (total) (mg/L)	1,2-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	trans-1,2-Dichloroethene (mg/L)	1,1,2-Trichloroethane (mg/L)	Benzene (mg/L)
SW-12	Feb '93	0.001 U	0.099	NA	0.002 U	0.039	0.0017 J	0.0011 J	0.001 U	0.002 U	NA	0.001 U	0.001 U
SW-12	Nov '03	0.001 U	0.022	0.033	0.0018 J	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Feb '04	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
SW-12 DUP	Feb '04	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
SW-12	May '04	0.00042 J	0.077	0.11	0.0047	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12 DUP	May '04	0.001 U	0.058	0.095	0.0028	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Aug '04	0.001 U	0.061	0.099	0.0035	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Nov '04	0.001 U	0.0018	0.0052	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Mar '05	0.001 U	0.004	0.013	0.00064 J	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	May '05	0.0003 U	0.00089 J	0.0017	0.0005 U	NA	0.0002 U	0.0002 U	0.0002 U	0.0003 U	0.0003 U	0.0002 U	0.0002 U
SW-12	Jan '06	0.001 U	0.0034	0.0029	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Mar '06	0.001 U	0.0014	0.0018	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Jul '06	0.001 U	0.0039	0.0073	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Oct '06	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	May '07	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Jul '07	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Oct '07	0.001 U	0.00055 J	0.001	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12 Dup (SW-14)	Oct '07	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Apr '08	0.001 U	0.004 B	0.0044	0.00052 J	NA	0.00033 J	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12 Dup (DUP-43008)	Apr '08	0.001 U	0.0078	0.005	0.00060 J	NA	0.00034 J	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Sep '08	0.001 U	0.0023	0.007	0.00095 J	NA	0.00042 J	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	May '09	0.001 U	0.0021	0.0082	0.0015 J	NA	0.00017 J	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Nov '09	0.001 U	0.0024	0.0032	0.00034 J	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Apr '10	0.001 U	0.001 U	0.000755 J	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Jul '10	0.001 U	0.001 U	0.001 U	0.000244 J	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Oct '10	0.001 U	0.021	0.0164	0.00271	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12 DUP 101810	Oct '10	0.001 U	0.0216	0.0165	0.00258	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	May '11	0.001 U	0.001 U	0.0045	0.001 U	NA	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
SW-12	Oct '11	0.001 U	0.001 U	0.0059	0.0015	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12 DUP-102411	Oct '11	0.001 U	0.001 U	0.0058	0.0015	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	May '12	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Oct '12	0.001 U	0.0068	0.011	0.0018	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	May '13	0.001 UJ	0.0034 J	0.0054 J	0.001 UJ	NA	0.001 UJ	NA	0.001 UJ	0.001 UJ	NA	0.001 UJ	0.001 UJ
SW-12 (Dup)	May '13	0.001 UJ	0.0031 J	0.0049 J	0.001 UJ	NA	0.001 UJ	NA	0.001 UJ	0.001 UJ	NA	0.001 UJ	0.001 UJ
SW-12	Nov '13	0.001 U	0.001 U	0.0031	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	May '14	0.001 U	0.0087	0.0045	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-12	Nov '14	0.001 U	0.0022	0.0021	0.001 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U

TABLE 3-6. Results for VOCs Detected in Surface Water

Sample Locations	Sample Date	TABLE 3-6. Results for VOCs Detected in Surface Water											
		Tetrachloroethene (mg/L)	Trichloroethene (mg/L)	cis-1,2-Dichloroethene (mg/L)	Vinyl chloride (mg/L)	1,2-Dichloroethene (Total) (mg/L)	Toluene (mg/L)	Xylene (total) (mg/L)	1,2-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	trans-1,2-Dichloroethene (mg/L)	1,1,2-Trichloroethane (mg/L)	Benzene (mg/L)
SW-19A	May '93	0.001 U	0.55 D	NA	0.013 J	0.13	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	0.001 U
SW-19B	May '93	0.001 U	0.5 D	NA	0.014 J	0.13	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	0.001 U
SW-19C	May '93	0.001 U	0.57 D	NA	0.014 J	0.14	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	0.001 U
SW-19	Nov '03	0.001 U	0.079	0.059	0.0033	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	Feb '04	0.001 U	0.094	0.11	0.015	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.00051 J	0.001 U	0.001 U
SW-19	May '04	0.001 U	0.049	0.062	0.0058	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	Aug '04	0.00056 J	0.28 D	0.3 D	0.036	NA	0.001 U	NA	0.001 U	0.0008 J	NA	0.001 U	0.001 U
SW-19 DUP	Aug '04	0.00061 J	0.27 D	0.31 D	0.035	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	Nov '04	0.001 U	0.011	0.0077	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	Mar '05	0.001 U	0.0085	0.015	0.00089 J	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	May '05	0.0003 U	0.00088 J	0.0032	0.0005 U	NA	0.00044 J	0.0002 U	0.0002 U	0.0003 U	0.0003 U	0.0002 U	0.0002 U
SW-19	Jan '06	0.001 U	0.0012	0.0023	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19 DUP (SW-23)	Jan '06	0.001 U	0.001	0.0025	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	Mar '06	0.001 U	0.002	0.0023	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	Jul '06	0.001 U	0.004	0.0084	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19 DUP (SW-23)	Jul '06	0.001 U	0.0035	0.0089	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	Oct '06	0.001 U	0.0024	0.0049	0.002 U	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	May '07	0.001 U	0.0034	0.032	0.042	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.00020 J
SW-19	Jul '07	0.001 U	0.00099 J	0.0020	0.0012 J	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19 DUP (SW-BA)	Jul '07	0.001 U	0.0012	0.0023	0.0012 J	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	Oct '07	0.001 U	0.00037 J	0.00085 J	0.00057 J	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	Apr '08	0.001 U	0.00078 JB	0.0011	0.00033 J	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	Sep '08	0.001 U	0.018	0.100	0.027	NA	0.00019 J	NA	0.001 U	0.00039 J	NA	0.001 U	0.001 U
SW-19	May '09	0.001 U	0.0069	0.049	0.0014	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19 DUP (DUP052109)	May '09	0.001 U	0.007	0.051	0.015	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	Nov '09	0.001 U	0.0034	0.022	0.0059	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	Apr '10	0.001 U	0.00585	0.0393	0.00734	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	Jul '10	0.001 U	0.00448	0.00548	0.00156 J	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	Oct '10	0.001 U	0.00703	0.0676	0.00892	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	May '11	0.001 U	0.0018	0.016	0.0034	NA	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
SW-19 DUP-051211	May '11	0.001 U	0.0017	0.015	0.0034	NA	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
SW-19	Oct '11	0.001 U	0.0062	0.061	0.014	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	May '12	0.0025 UD	0.0090 D	0.058 D	0.0089 D	NA	0.0025 UD	NA	0.0025 UD	0.0025 UD	NA	0.0025 UD	0.0025 UD
SW-19	Oct '12	0.0033 UD	0.015 D	0.100 D	0.016 D	NA	0.0033 UD	NA	0.0033 UD	0.0033 D	NA	0.0033 UD	0.0033 UD
SW-19	May '13	0.0013 UJ	0.0066 J	0.041 J	0.0058 J	NA	0.0013 UJ	NA	0.0013 UJ	0.0013 UJ	NA	0.0013 UJ	0.0013 UJ
SW-19	Nov '13	0.001 U	0.0095	0.079	0.014	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19 (Dup)	Nov '13	0.001 U	0.0082	0.068	0.011	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19	May '14	0.002 U	0.0069	0.060	0.010	NA	0.002 U	NA	0.002 U	0.002 U	NA	0.002 U	0.002 U
SW-19 (Dup)	May '14	0.0017 U	0.0068	0.058	0.0098	NA	0.0017 U	NA	0.0017 U	0.0017 U	NA	0.0017 U	0.0017 U
SW-19	Nov '14	0.001 U	0.0051	0.020	0.0033	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-19 (Dup)	Nov '14	0.001 U	0.0052	0.019	0.0032	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U

TABLE 3-6. Results for VOCs Detected in Surface Water

Sample Locations	Sample Date	Tetrachloroethene (mg/L)	Trichloroethene (mg/L)	cis-1,2-Dichloroethene (mg/L)	Vinyl chloride (mg/L)	1,2-Dichloroethene (Total) (mg/L)	Toluene (mg/L)	Xylene (total) (mg/L)	1,2-Dichloroethane (mg/L)	1,1-Dichloroethene (mg/L)	trans-1,2-Dichloroethene (mg/L)	1,1,2-Trichloroethane (mg/L)	Benzene (mg/L)
SW-9	Feb '93	0.001 U	0.28 D	NA	0.002 U	0.057	0.001 U	0.002 U	0.001 U	0.002 U	NA	0.001 U	0.001 U
SW-9 DUP	Feb '93	0.001 U	0.29 D	NA	0.002 U	0.056	0.001 U	0.002 U	0.001 U	0.002 U	NA	0.001 U	0.001 U
SW-9	Nov '03	0.002 UD	0.12 D	0.083 D	0.0076 D	NA	0.002 UD	NA	0.002 UD	0.002 UD	NA	0.002 UD	0.002 UD
SW-9	Feb '04	0.001 U	0.0510	0.034	0.004	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
SW-9	May '04	0.00031 J	0.1100	0.07	0.0058	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	Aug '04	0.001 U	0.1500	0.11	0.0092	NA	0.001 U	NA	0.001 U	0.00042 J	NA	0.001 U	0.001 U
SW-9	Nov '04	0.001 U	0.0590	0.036	0.0046	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9 DUP	Nov '04	0.001 U	0.0600	0.037	0.0043	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	Mar '05	0.001 U	0.034	0.045	0.0034	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9 DUP	Mar '05	0.001 U	0.033	0.042	0.0036	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	May '05	0.0003 U	0.016	0.038	0.0068	NA	0.0002 U	0.0002 U	0.0002 U	0.0003 U	0.0003 U	0.0002 U	0.0002 U
SW-9	Jan '06	0.001 U	0.0038	0.010	0.0039	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	Mar '06	0.001 U	0.0047	0.011	0.0034	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	Jul '06	0.001 U	0.0047	0.023	0.0064	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	Oct '06	0.001 U	0.0045	0.016	0.0091	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	May '07	0.001 U	0.0040	0.020	0.0072	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	Jul '07	0.001 U	0.0048	0.018	0.0089	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	Oct '07	0.001 U	0.0015	0.008	0.0028	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	Apr '08	0.001 U	0.0063 B	0.019	0.0051	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	Sep '08	0.001 U	0.012	0.073	0.015	NA	0.00032 J	NA	0.001 U	0.00024 J	NA	0.001 U	0.001 U
SW-9	May '09	0.001 U	0.0051	0.030	0.0081	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	Nov '09	0.001 U	0.0034	0.016	0.0037	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9 DUP (DUP-110209)	Nov '09	0.001 U	0.0036	0.015	0.0035	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	Apr '10	0.001 U	0.00501	0.001 U	0.00613	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	Jul '10	0.001 U	0.00405	0.029	0.0102	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	Oct '10	0.001 U	0.00452	0.0434	0.00543	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	May '11	0.002 UD	0.00720 D	0.042 D	0.00570 D	NA	0.002 UD	0.0033 UD	0.0017 UD	0.0017 UD	0.0017 UD	0.002 UD	0.0017 UD
SW-9	Oct '11	0.001 U	0.0042	0.036	0.0057	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	May '12	0.0014 UD	0.0080 D	0.048 D	0.0057 D	NA	0.0014 UD	NA	0.0014 UD	0.0014 UD	NA	0.0014 UD	0.0014 UD
SW-9	Oct '12	0.002 UD	0.0094 D	0.059 D	0.0064 D	NA	0.002 UD	NA	0.002 UD	0.002 UD	NA	0.002 UD	0.002 UD
SW-9	May '13	0.001 U	0.0046	0.024 J	0.0029	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-9	Nov '13	0.001 U	0.0061	0.038	0.0045	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
<b>SW-9</b>	<b>May '14</b>	<b>0.001 U</b>	<b>0.008</b>	<b>0.036</b>	<b>0.0041</b>	<b>NA</b>	<b>0.001 U</b>	<b>NA</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>NA</b>	<b>0.001 U</b>	<b>0.001 U</b>
<b>SW-9</b>	<b>Nov '14</b>	<b>0.001 U</b>	<b>0.0055</b>	<b>0.025</b>	<b>0.0038</b>	<b>NA</b>	<b>0.001 U</b>	<b>NA</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>NA</b>	<b>0.001 U</b>	<b>0.001 U</b>

TABLE 3-6. Results for VOCs Detected in Surface Water

Sample Locations	Sample Date	Tetrachloro-	Trichloroethene	cis-1,2-Dichloro-	Vinyl chloride	1,2-Dichloro-	Toluene	Xylene (total)	1,2-Dichloro-	1,1-Dichloro-	trans-1,2-	1,1,2-Trichloro-	Benzene
		ethene		ethene		ethene (Total)			ethane	ethene	Dichloro-		
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
SW-17A	May '93	0.001 U	0.16 D	NA	0.002 U	0.059	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	0.001 U
SW-17B	May '93	0.001 U	0.17 D	NA	0.002 U	0.055	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	0.001 U
SW-17C	May '93	0.001 U	0.17 D	NA	0.002 U	0.058	0.001 U	0.001 U	0.001 U	0.002 U	NA	0.001 U	0.001 U
SW-17	Nov '03	0.001 U	0.096	0.065	0.0053	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Feb '04	0.001 U	0.05	0.032	0.0039	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
SW-17	May '04	0.00035 J	0.1	0.068	0.0072	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Aug '04	0.001 U	0.12	0.08	0.0063	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Nov '04	0.001 U	0.048	0.028	0.0035	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Mar '05	0.001 U	0.022	0.031	0.0024	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	May '05	0.0003 U	0.0086	0.023	0.0033	NA	0.0002 U	0.0002 U	0.0002 U	0.0003 U	0.0003 U	0.0002 U	0.0002 U
SW-17 DUP	May '05	0.0003 U	0.0094	0.023	0.0038	NA	0.0002 U	0.0002 U	0.0002 U	0.0003 U	0.0003 U	0.0002 U	0.0002 U
SW-17	Jan '06	0.001 U	0.0047	0.012	0.0043	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Mar '06	0.001 U	0.0034	0.008	0.002	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Jul '06	0.001 U	0.0029	0.013	0.0023	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Oct '06	0.001 U	0.0031	0.012	0.0057	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	May '07	0.001 U	0.0014	0.0074	0.0019 J	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Jul '07	0.001 U	0.0024	0.0088	0.0034	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Oct '07	0.001 U	0.001	0.0052	0.0016 J	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Apr '08	0.001 U	0.0041 B	0.012	0.0028	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Sep '08	0.001 U	0.0062	0.032	0.0039	NA	0.00025 J	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	May '09	0.001 U	0.0027	0.011	0.0026	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Nov '09	0.001 U	0.0026	0.011	0.0028	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Apr '10	0.001 U	0.00308	0.0144	0.00328	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Jul '10	0.001 U	0.00174	0.0104	0.00309	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Oct '10	0.001 U	0.000863 J	0.00771	0.00188	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	May '11	0.001 U	0.0039	0.023	0.0026	NA	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
SW-17	Oct '11	0.001 U	0.0032	0.029	0.0043	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	May '12	0.001 U	0.0049	0.029	0.0030	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Oct '12	0.0018 UD	0.009 D	0.056 D	0.0031 D	NA	0.0018 UD	NA	0.0018 UD	0.0018 UD	NA	0.0018 UD	0.0018 UD
SW-17	May '13	0.001 U	0.0041	0.021 J	0.0023	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
SW-17	Nov '13	0.001 U	0.0044	0.027	0.003	NA	0.001 U	NA	0.001 U	0.001 U	NA	0.001 U	0.001 U
<b>SW-17</b>	<b>May '14</b>	<b>0.001 U</b>	<b>0.0058</b>	<b>0.025</b>	<b>0.0024</b>	<b>NA</b>	<b>0.001 U</b>	<b>NA</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>NA</b>	<b>0.001 U</b>	<b>0.001 U</b>
<b>SW-17</b>	<b>Nov '14</b>	<b>0.001 U</b>	<b>0.0059</b>	<b>0.025</b>	<b>0.0038</b>	<b>NA</b>	<b>0.001 U</b>	<b>NA</b>	<b>0.001 U</b>	<b>0.001 U</b>	<b>NA</b>	<b>0.001 U</b>	<b>0.001 U</b>

## Notes:

U = Below Detection Limit

D = Result from sample dilution

J = Result was estimated

X = Result associated with a laboratory  
contaminant

NA = Not Available or Not Analyzed

**TABLE 3-7. Results for Metals Detected in Surface Water**

Sample Location	Sample Date	Arsenic (mg/L)	Chromium (total) (mg/L)	Hexavalent Chromium (mg/L)	Lead (mg/L)
<b>Mississippi and EPA Aquatic Life Criteria<sup>a</sup></b>					
	Acute	0.34 (III)	–	0.016	0.03
	Chronic	0.15 (III)	–	0.011	0.0018
<b>Mississippi Surface Water Human Health Criteria<sup>b</sup></b>		0.024 (Total)	–	1.47	–
SW-22A	May '93	0.005 U	0.0037 X	0.025 U	0.0053 X
SW-22B	May '93	0.005 U	0.0042 X	0.025 U	0.0036 X
SW-22C	May '93	0.005 U	0.0056 X	0.025 U	0.005 X
SW-22	Nov '03	0.005 U	0.005 U	0.050 U	0.005 U
SW-22 DUP	Nov '03	0.005 U	0.005 U	0.025 U	0.005 U
SW-22	Feb '04	0.005 U	0.005 U	0.025 U	0.003 U
SW-22	May '04	0.005 U	0.005 U	0.025 U	0.003 U
SW-22	Aug '04	0.005 U	0.005 U	0.025 U	0.003 U
SW-22	Nov '04	0.005 U	0.005 U	0.025 U	0.003 U
SW-22	Mar '05	0.005 U	0.005 U	0.025 U	0.003 U
SW-22	May '05	0.005 U	0.005 U	0.010 U	0.003 U
SW-22	Jan '06	0.005 U	0.005 U	0.010 U	0.003 U
SW-22	Mar '06	0.003 U	0.002 U	0.025 U	0.0015 U
SW-22 DUP (SW-A)	Mar '06	0.003 U	0.002 U	0.025 U	0.0015 U
SW-22	Jul '06	0.003 U	0.002 U	0.025 U	0.0015 U
SW-22	Oct '06	0.003 U	0.002 U	0.010 U	0.0015 U
SW-22 DUP (SW-AB)	Oct '06	0.003 U	0.002 U	0.010 U	0.0015 U
SW-22	May '07	0.003 U	0.002 U	0.010 U	0.0015 U
SW-22 Dup (SW-30)	May '07	0.003 U	0.002 U	0.010 U	0.0015 U
SW-22	Jul '07	0.0038	0.002 U	0.025 UN	0.0015 U
SW-22	Oct '07	0.003 U	0.0037	0.054	0.0015 U
SW-22	Apr '08	0.0038 B	0.002 U	0.010 U	0.0028 B
SW-22	Sep '08	0.003 U	0.002 U	0.010 U	0.0015 U
SW-22 DUP (DUP-92908)	Sep '08	0.003 U	0.002 U	0.010 U	0.0015 U
SW-22	May '09	0.010 U	0.010 U	0.0250 U	0.003 U
SW-22	Nov '09	0.0033 J	0.00254 J	0.0250 U	0.003 U
SW-22	Apr '10	0.010 U	0.00209 J	0.0250 U	0.003 U
SW-22 DUP 041310	Apr '10	0.010 U	0.010 U	0.0250 U	0.003 U
SW-22	Jul '10	0.010 U	0.0032 J	0.0250 U	0.00159 J
SW-22 DUP 072910	Jul '10	0.00453 J	0.00291 J	0.0250 U	0.003 U
SW-22	Oct '10	0.010 U	0.010 U	0.0250 U	0.003 U
SW-22	May '11	0.010 U	0.005 U	0.02 U	0.003 U
SW-22	Oct '11	0.010 U	0.005 U	0.020 U	0.003 U
SW-22	May '12	0.010 U	0.005 U	0.020 U	0.003 U
SW-22-DUP	May '12	0.010 U	0.005 U	0.020 U	0.003 U
SW-22	Oct '12	0.010 U	0.005 U	0.020 U	0.003 U
SW-22-DUP	Oct '12	0.010 U	0.005 U	0.020 U	0.003 U
SW-22	May '13	0.01 U	0.005 U	0.020 U	0.003 U
SW-22	Nov '13	0.01 U	0.005 U	0.020 U	0.003 U
<b>SW-22</b>	<b>May '14</b>	<b>0.01 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>
<b>SW-22</b>	<b>Nov '14</b>	<b>0.01 U</b>	<b>0.005 U</b>	<b>0.020 U,H</b>	<b>0.003 U</b>

**TABLE 3-7. Results for Metals Detected in Surface Water**

Sample Location	Sample Date	Arsenic (mg/L)	Chromium (total) (mg/L)	Hexavalent Chromium (mg/L)	Lead (mg/L)
<b>Mississippi and EPA Aquatic Life Criteria<sup>a</sup></b>					
	Acute	0.34 (III)	–	0.016	0.03
	Chronic	0.15 (III)	–	0.011	0.0018
<b>Mississippi Surface Water Human Health Criteria<sup>b</sup></b>		0.024 (Total)	–	1.47	–
SW-12	Feb '93	0.005 U	0.431	0.164	0.0039
SW-12	Nov '03	0.005 U	0.033	0.025 U	0.005 U
SW-12	Feb '04	0.005 U	0.005 U	0.025 U	0.003 U
SW-12 DUP	Feb '04	0.005 U	0.005 U	0.025 U	0.003 U
SW-12	May '04	0.005 U	0.43	0.025 U	0.033
SW-12 DUP	May '04	0.005 U	0.18	0.025 U	0.015
SW-12	Aug '04	0.005 U	0.018	0.025 U	0.003 U
SW-12	Nov '04	0.005 U	0.013	0.025 U	0.003 U
SW-12	Mar '05	0.005 U	0.005 U	0.025 U	0.003 U
SW-12	May '05	0.005 U	0.005 U	0.010 U	0.003 U
SW-12	Jan '06	0.005 U	0.005 U	0.010 U	0.003 U
SW-12	Mar '06	0.003 U	0.002 U	0.025 U	0.0015 U
SW-12	Jul '06	0.003 U	0.002 U	0.025 U	0.0015 U
SW-12	Oct '06	0.003 U	0.002 U	0.014	0.0015 U
SW-12	May '07	0.003 U	0.002 U	0.010 U	0.0015 U
SW-12	Jul '07	0.003 U	0.002 U	0.025 UN	0.0015 U
SW-12	Oct '07	0.003 U	0.0035	0.055	0.0024
SW-12 Dup (SW-14)	Oct '07	0.003 U	0.0039	0.054	0.0015 U
SW-12	Apr '08	0.003 U	0.002 U	0.010 U	0.0029 B
SW-12 Dup (DUP-43008)	Apr '08	0.003 U	0.002 U	0.010 U	0.002 U
SW-12	Sep '08	0.003 U	0.0021 B	0.010 U	0.0015 U
SW-12	May '09	0.010 U	0.010 U	0.0250 U	0.003 U
SW-12	Nov '09	0.00309 J	0.0027 J	0.0250 U	0.003 U
SW-12	Apr '10	0.010 U	0.00207 J	0.0250 U	0.00172 J
SW-12	Jul '10	0.00327 J	0.00237 J	0.0250 U	0.003 U
SW-12	Oct '10	0.010 U	0.010 U	0.0250 U	0.003 U
SW-12 DUP 101810	Oct '10	0.010 U	0.010 U	0.0250 U	0.00239 J
SW-12	May '11	0.010 U	0.005 U	0.02 U	0.003 U
SW-12	Oct '11	0.010 U	0.005 U	0.020 U	0.003 U
SW-12 DUP-102411	Oct '11	0.010 U	0.005 U	0.020 U	0.003 U
SW-12	May '12	0.010 U	0.005 U	0.020 U	0.003 U
SW-12	Oct '12	0.010 U	0.005 U	0.020 U	0.003 U
SW-12	May '13	0.010 U	0.005 U	0.020 U	0.003 U
SW-12 (Dup)	May '13	0.010 U	0.005 U	0.020 U	0.003 U
SW-12	Nov '13	0.010 U	0.005 U	0.020 U	0.003 U
<b>SW-12</b>	<b>May '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>
<b>SW-12</b>	<b>Nov '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U,H</b>	<b>0.003 U</b>

**TABLE 3-7. Results for Metals Detected in Surface Water**

Sample Location	Sample Date	Arsenic (mg/L)	Chromium (total) (mg/L)	Hexavalent Chromium (mg/L)	Lead (mg/L)
<b>Mississippi and EPA Aquatic Life Criteria<sup>a</sup></b>					
	Acute	0.34 (III)	–	0.016	0.03
	Chronic	0.15 (III)	–	0.011	0.0018
<b>Mississippi Surface Water Human Health Criteria<sup>b</sup></b>		0.024 (Total)	–	1.47	–
SW-19A	May '93	0.005 U	0.119	0.129	0.0033 X
SW-19B	May '93	0.005 U	0.126	0.115	0.005 X
SW-19C	May '93	0.005 U	0.13	0.116	0.003 X
SW-19	Nov '03	0.005 U	0.0064	0.025 U	0.005 U
SW-19	Feb '04	0.005 U	0.005 U	0.025 U	0.003 U
SW-19	May '04	0.005 U	0.018	0.025 U	0.003 U
SW-19	Aug '04	0.005 U	0.019	0.025 U	0.003 U
SW-19 DUP	Aug '04	0.005 U	0.018	0.025 U	0.003 U
SW-19	Nov '04	0.005 U	0.005 U	0.025 U	0.003 U
SW-19	Mar '05	0.005 U	0.005 U	0.025 U	0.003 U
SW-19	May '05	0.005 U	0.005 U	0.010 U	0.003 U
SW-19	Jan '06	0.005 U	0.005 U	0.010 U	0.003 U
SW-19 DUP (SW-23)	Jan '06	0.005 U	0.005 U	0.010 U	0.003 U
SW-19	Mar '06	0.003 U	0.002 U	0.025 U	0.0015 U
SW-19	Jul '06	0.0031	0.002 U	0.025 U	0.0015 U
SW-19 DUP (SW-23)	Jul '06	0.003 U	0.002 U	0.025 U	0.0015 U
SW-19	Oct '06	0.003 U	0.002 U	0.010 U	0.0015 U
SW-19	May '07	0.003 U	0.002 U	0.010 U	0.0015 U
SW-19	Jul '07	0.0033	0.002 U	0.025 UN	0.0015 U
SW-19 Dup (SW-BA)	Jul '07	0.003 U	0.002 U	0.025 UN	0.0015 U
SW-19	Oct '07	0.003 U	0.0032	0.045	0.0021
SW-19	Apr '08	0.0032 B	0.002 U	0.010 U	0.0024 B
SW-19	Sep '08	0.003 U	0.002 U	0.010 U	0.0015 U
SW-19	May '09	0.010 U	0.010 U	0.0250 U	0.003 U
SW-19 DUP (DUP052109)	May '09	0.0031 B	0.010 U	0.0250 U	0.003 U
SW-19	Nov '09	0.0035 J	0.00253 J	0.0250 U	0.003 U
SW-19	Apr '10	0.010 U	0.010 U	0.0250 U	0.003 U
SW-19	Jul '10	0.00388 J	0.00351 J	0.0250 U	0.00158 J
SW-19	Oct '10	0.010 U	0.010 U	0.0250 U	0.003 U
SW-19	May '11	0.010 U	0.005 U	0.02 U	0.003 U
SW-19 DUP-051211	May '11	0.010 U	0.005 U	0.02 U	0.003 U
SW-19	Oct '11	0.010 U	0.005 U	0.020 U	0.003 U
SW-19	May '12	0.010 U	0.005 U	0.020 U	0.003 U
SW-19	Oct '12	0.010 U	0.005 U	0.020 U	0.003 U
SW-19	May '13	0.010 U	0.005 U	0.020 U	0.003 U
SW-19	Nov '13	0.010 U	0.005 U	0.020 U	0.003 U
SW-19 (Dup)	Nov '13	0.010 U	0.005 U	0.020 U	0.003 U
<b>SW-19</b>	<b>May '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>
<b>SW-19 (Dup)</b>	<b>May '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>
<b>SW-19</b>	<b>Nov '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U,H</b>	<b>0.003 U</b>
<b>SW-19 (Dup)</b>	<b>Nov '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U,H</b>	<b>0.003 U</b>

**TABLE 3-7. Results for Metals Detected in Surface Water**

Sample Location	Sample Date	Arsenic (mg/L)	Chromium (total) (mg/L)	Hexavalent Chromium (mg/L)	Lead (mg/L)
<b>Mississippi and EPA Aquatic Life Criteria<sup>a</sup></b>					
	Acute	0.34 (III)	–	0.016	0.03
	Chronic	0.15 (III)	–	0.011	0.0018
<b>Mississippi Surface Water Human Health Criteria<sup>b</sup></b>		0.024 (Total)	–	1.47	–
SW-9	Feb '93	0.005 U	0.169	0.032	0.0068
SW-9 DUP	Feb '93	0.005 U	0.175	0.025 U	0.0058
SW-9	Nov '03	0.005 U	0.0094	0.025 U	0.005 U
SW-9	Feb '04	0.005 U	0.0054	0.025 U	0.003 U
SW-9	May '04	0.005 U	0.0076	0.025 U	0.003 U
SW-9	Aug '04	0.005 U	0.0055	0.025 U	0.003 U
SW-9	Nov '04	0.005 U	0.0058	0.025 U	0.003 U
SW-9 DUP	Nov '04	0.005 U	0.005	0.025 U	0.003 U
SW-9	Mar '05	0.005 U	0.005 U	0.025 U	0.003 U
SW-9 DUP	Mar '05	0.005 U	0.005 U	0.025 U	0.003 U
SW-9	May '05	0.005 U	0.005 U	0.010 U	0.003 U
SW-9	Jan '06	0.005 U	0.005 U	0.010 U	0.003 U
SW-9	Mar '06	0.003 U	0.0021	0.025 U	0.0015 U
SW-9	Jul '06	0.0033	0.0020 U	0.025 U	0.0015 U
SW-9	Oct '06	0.0030 U	0.0020 U	0.010 U	0.0015 U
SW-9	May '07	0.0030	0.0020 U	0.010 U	0.0015 U
SW-9	Jul '07	0.0030 U	0.0020 U	0.025 UN	0.0015 U
SW-9	Oct '07	0.0033	0.0029	0.029	0.0015 U
SW-9	Apr '08	0.003 U	0.002 U	0.010 U	0.002 U
SW-9	Sep '08	0.003 U	0.002 U	0.010 U	0.0015 U
SW-9	May '09	0.010 U	0.010 U	0.0250 U	0.0015 U
SW-9	Nov '09	0.00344 J	0.00267 J	0.0250 U	0.003 U
SW-9 DUP (DUP-110209)	Nov '09	0.010 U	0.00242 J	0.0250 U	0.003 U
SW-9	Apr '10	0.010 U	0.00329 J	0.0250 U	0.00315
SW-9	Jul '10	0.00419 J	0.00478 J	0.0250 U	0.00192 J
SW-9	Oct '10	0.010 U	0.010 U	0.0250 U	0.003 U
SW-9	May '11	0.010 U	0.005 U	0.02 U	0.003 U
SW-9	Oct '11	0.010 U	0.005 U	0.020 U	0.003 U
SW-9	May '12	0.010 U	0.005 U	0.020 U	0.003 U
SW-9	Oct '12	0.010 U	0.005 U	0.020 U	0.003 U
SW-9	May '13	0.010 U	0.005 U	0.020 U	0.003 U
SW-9	Nov '13	0.010 U	0.005 U	0.020 U	0.003 U
<b>SW-9</b>	<b>May '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>
<b>SW-9</b>	<b>Nov. '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U,H</b>	<b>0.003 U</b>

**TABLE 3-7. Results for Metals Detected in Surface Water**

Sample Location	Sample Date	Arsenic (mg/L)	Chromium (total) (mg/L)	Hexavalent Chromium (mg/L)	Lead (mg/L)
<b>Mississippi and EPA Aquatic Life Criteria<sup>a</sup></b>					
	Acute	0.34 (III)	–	0.016	0.03
	Chronic	0.15 (III)	–	0.011	0.0018
<b>Mississippi Surface Water Human Health Criteria<sup>b</sup></b>		0.024 (Total)	–	1.47	–
SW-17A	May '93	0.005 U	0.084	0.035	0.004 X
SW-17B	May '93	0.005 U	0.083	0.026	0.0054 X
SW-17C	May '93	0.005 U	0.085	0.025 U	0.003 U
SW-17	Nov '03	0.005 U	0.0095	0.025 U	0.005 U
SW-17	Feb '04	0.005 U	0.005 U	0.025 U	0.003 U
SW-17	May '04	0.005 U	0.005 U	0.025 U	0.003 U
SW-17	Aug '04	0.005 U	0.0079	0.025 U	0.003 U
SW-17	Nov '04	0.005 U	0.005 U	0.025 U	0.003 U
SW-17	Mar '05	0.005 U	0.005 U	0.025 U	0.003 U
SW-17	May '05	0.005 U	0.005 U	0.010 U	0.003 U
SW-17 DUP	May '05	0.005 U	0.005 U	0.010 U	0.003 U
SW-17	Jan '06	0.005 U	0.005 U	0.010 U	0.003 U
SW-17	Mar '06	0.0032	0.0054	0.025 U	0.0015 U
SW-17	Jul '06	0.003 U	0.002 U	0.025 U	0.0015 U
SW-17	Oct '06	0.003 U	0.002 U	0.010 U	0.0018
SW-17	May '07	0.003 U	0.002 U	0.010 U	0.0015 U
SW-17	Jul '07	0.0032	0.002 U	0.010 UNK	0.0015 U
SW-17	Oct '07	0.0033	0.003	0.036	0.0017
SW-17	Apr '08	0.003 U	0.0021 B	0.010 U	0.0026 B
SW-17	Sep '08	0.003 U	0.002 U	0.010 U	0.0015 U
SW-17	May '09	0.010 U	0.010 U	0.0250 U	0.003 U
SW-17	Nov '09	0.00346 J	0.00309 J	0.0250 U	0.003 U
SW-17	Apr '10	0.010 U	0.00389 J	0.0250 U	0.003 U
SW-17	Jul '10	0.00391 J	0.00217 J	0.0250 U	0.003 U
SW-17	Oct '10	0.010 U	0.010 U	0.0250 U	0.003 U
SW-17	May '11	0.010 U	0.005 U	0.020 U	0.003 U
SW-17	Oct '11	0.010 U	0.005 U	0.020 U	0.003 U
SW-17	May '12	0.010 U	0.005 U	0.020 U	0.003 U
SW-17	Oct '12	0.010 U	0.005 U	0.020 U	0.003 U
SW-17	May '13	0.010 U	0.005 U	0.020 U	0.003 U
SW-17	Nov '13	0.010 U	0.005 U	0.020 U	0.003 U
<b>SW-17</b>	<b>May '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U</b>	<b>0.003 U</b>
<b>SW-17</b>	<b>Nov '14</b>	<b>0.010 U</b>	<b>0.005 U</b>	<b>0.020 U,H</b>	<b>0.003 U</b>

Notes:

U = Below Detection Limit

D = Result from sample dilution

J = Result was estimated

X = Result associated with a laboratory contaminant

N = Predigested spike recovery not within control limits

NA = Not Available or Not Analyzed

K = The sample was analyzed outside of the USEPA hold time

<sup>a</sup>Based on a hardness concentration of 50 mg/L as CaCO<sub>3</sub>

<sup>b</sup>For human consumption of organisms only.

Values obtained from: *Mississippi Commission on Environmental Quality Regulation WPC-2: Water Quality Criteria for Intrastate, Interstate, and Coastal Waters*

TABLE 3-8. VOC Results for Sediment

Sample Locations	Sample Date	Trichloro-ethene (mg/kg)	cis-1,2-Dichloro-ethene (mg/kg)	Vinyl chloride (mg/kg)	Tetrachloro-ethene (mg/kg)	1,2-Dichloro-ethane (mg/kg)	1,1-Dichloro-ethene (mg/kg)	Toluene (mg/kg)	1,1,2-Trichloro-ethane (mg/kg)	Benzene (mg/kg)
SD-4	12/18/1991	0.0009 J	NA	0.002 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U
SD-4	11/14/2003	0.720	0.310	0.013	0.0017 J	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U
SD-4	7/19/2007	0.0047 U	0.0047 U	0.0094 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U
SD-4	5/12/2011	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SD-4	5/4/2012	0.0063 U	7.8	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U
<b>SD-4</b>	<b>5/8/2014</b>	<b>0.0058 U</b>	<b>0.003</b>	<b>0.012 U</b>	<b>0.0058 U</b>	<b>0.0058 U</b>	<b>0.0058 U</b>	<b>0.0058 U</b>	<b>0.0058 U</b>	<b>0.0058 U</b>
<b>SD-4 DUP (FD-04-SD-2014S)</b>	<b>5/8/2014</b>	<b>0.0055 U</b>	<b>0.0035</b>	<b>0.011 U</b>	<b>0.0055 U</b>	<b>0.0055 U</b>	<b>0.0055 U</b>	<b>0.0055 U</b>	<b>0.0055 U</b>	<b>0.0055 U</b>
SD-7	2/23/1993	0.001 U	NA	0.002 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U
SD-7	11/14/2003	0.0057 U	0.0057 U	0.011 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U	0.0057 U
SD-7 DUP	11/14/2003	0.0058 U	0.0058 U	0.012 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U
SD-7	7/19/2007	0.0047 U	0.0047 U	0.0094 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U
SD-7	5/12/2011	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
SD-7	5/4/2012	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U
SD-7 (DUP05042012)	5/4/2012	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U
<b>SD-7</b>	<b>5/8/2014</b>	<b>0.0055 U</b>	<b>0.0028 U</b>	<b>0.011 U</b>	<b>0.0055 U</b>	<b>0.0055 U</b>	<b>0.0055 U</b>	<b>0.0055 U</b>	<b>0.0055 U</b>	<b>0.0055 U</b>
SD-9	2/23/1993	0.001 U	NA	0.002 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U
SD-9 DUP	2/23/1993	0.001 U	NA	0.002 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U
SD-9	11/14/2003	0.014	0.0089	0.012 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U
SD-9	7/19/2007	0.0049 U	0.0049 U	0.0098 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U
SD-9	5/12/2011	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SD-9 DUP (DUP-SD051211)	5/12/2011	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U	0.0049 U
SD-9	5/4/2012	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U	0.0063 U
<b>SD-9</b>	<b>5/8/2014</b>	<b>0.0056 U</b>	<b>0.0028 U</b>	<b>0.011 U</b>	<b>0.0056 U</b>	<b>0.0056 U</b>	<b>0.0056 U</b>	<b>0.0056 U</b>	<b>0.0056 U</b>	<b>0.0056 U</b>
SD-12	2/23/1993	0.0071 J	NA	0.002 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.001 U
SD-12	11/14/2003	0.0014 J	0.0049 J	0.012 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U
SD-12	7/19/2007	0.0047 U	0.0047 U	0.0094 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U	0.0047 U
SD-12 Dup (SD-HA)	7/19/2007	0.0046 U	0.0046 U	0.0092 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
SD-12	5/12/2011	0.540	0.490	0.240 U	0.240 U	0.240 U	0.240 U	0.240 U	0.240 U	0.240 U
SD-12	5/4/2012	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
<b>SD-12</b>	<b>5/8/2014</b>	<b>0.140</b>	<b>0.046</b>	<b>0.021 U</b>	<b>0.011 U</b>	<b>0.011 U</b>	<b>0.011 U</b>	<b>0.011 U</b>	<b>0.011 U</b>	<b>0.011 U</b>
SD-17	11/14/2003	0.0062 U	0.0032 J	0.012 U	0.0062 U	0.0062 U	0.0062 U	0.0062 U	0.0062 U	0.0062 U
SD-17	7/19/2007	0.0046 U	0.0046 U	0.0092 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
SD-17	5/12/2011	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SD-17	5/4/2012	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
<b>SD-17</b>	<b>5/8/2014</b>	<b>0.0058 U</b>	<b>0.0029 U</b>	<b>0.012 U</b>	<b>0.0058 U</b>	<b>0.0058 U</b>	<b>0.0058 U</b>	<b>0.0058 U</b>	<b>0.0058 U</b>	<b>0.0058 U</b>

## Notes

U = Not Detected

D = Sample was diluted

J = Sample was estimated

X = Result associated with a laboratory contaminant

NA = Not Available or Not Analyzed

**TABLE 3-9. Metals Results for Sediment**

Sample Locations	Sample Date	Arsenic	Chromium (total)	Hexavalent Chromium	Lead
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SD-4	12/18/1991	0.5 U	4.8	NA	2 U
SD-4	11/14/2003	5.1	3.5	1.2 U	2.7
SD-4	7/19/2007	2.3	5.6	0.50 U	4.0
SD-4	5/12/2011	1.3	1.2	1.0 U	1.5
SD-4	5/4/2012	8.2	3.6	1.0 U	4.4
<b>SD-4</b>	<b>5/8/2014</b>	<b>1.0</b>	<b>2.0 J</b>	<b>0.97 U</b>	<b>1.3 J</b>
<b>SD-4 DUP (FD-04-SD-2014S)</b>	<b>5/8/2014</b>	<b>1.1 U</b>	<b>0.71 J</b>	<b>1.0 U</b>	<b>0.77 J</b>
SD-7	2/23/1993	1.4	3.7	NA	2.6
SD-7	11/14/2003	1.2 U	1.3	1.2 U	1.4
SD-7 DUP	11/14/2003	1.3 U	2.4	1.3 U	1.4
SD-7	7/19/2007	0.78 U	1.6	0.50 U	1.1
SD-7	5/12/2011	2.7	6.8	1.0 U	3.3
SD-7	5/4/2012	13	7.4	1.0 U	12
SD-7 (DUP05042012)	5/4/2012	0.98 U	1.3	1.0 U	1.3
<b>SD-7</b>	<b>5/8/2014</b>	<b>1.2 U</b>	<b>0.66 J</b>	<b>1.0 U</b>	<b>0.93 J</b>
SD-9	2/23/1993	0.68	5.9	NA	2 U
SD-9 DUP	2/23/1993	0.88	10	NA	2 U
SD-9	11/14/2003	1.3 U	10	1.3 U	1.3
SD-9	7/19/2007	0.75 U	3.0	0.48 U	1.1
SD-9	5/12/2011	1.7	2.3	1.0 U	2.1
SD-9 DUP (DUP-SD051211)	5/12/2011	2.2	6.0	1.0 U	1.1
SD-9	5/4/2012	0.92 U	0.84	1.0 U	0.52
<b>SD-9</b>	<b>5/8/2014</b>	<b>1.1 U</b>	<b>0.94 J</b>	<b>1.0 U</b>	<b>1.1 J</b>
SD-12	2/23/1993	3.6	405	NA	12
SD-12	11/14/2003	1.2 U	9.6	1.4	1.6
SD-12	7/19/2007	0.74 U	1.0	0.50 U	0.93
SD-12 Dup (SD-HA)	7/19/2007	0.68 U	0.92	0.49 U	1.1
SD-12	5/12/2011	0.93 U	0.91	1.0 U	0.76
SD-12	5/4/2012	1.0 U	0.94	1.0 U	0.57
<b>SD-12</b>	<b>5/8/2014</b>	<b>1.2 U</b>	<b>1.2 J</b>	<b>1.1 U</b>	<b>1.3 J</b>
SD-17	11/14/2003	1.3 U	2.4	1.3 U	1.5
SD-17	7/19/2007	0.70 U	1.9	0.49 U	1.0
SD-17	5/12/2011	1.2 U	2.6	1.0 U	1.2
SD-17	5/4/2012	1.2 U	1.6	1.0 U	0.97
<b>SD-17</b>	<b>5/8/2014</b>	<b>1.1 U</b>	<b>11 J</b>	<b>1.0 U</b>	<b>2.2 J</b>

Notes:

U = Not Detected

D = Sample was diluted

J = Sample was estimated

X = Result associated with a laboratory contaminant

NA = Not Available or Not Analyzed

TABLE 3-10. Product Recovery Summary

Date	LNAPL																								LNAPL Recovery (gallons)	LNAPL Drum (gallons)	Operators	
	RC-1						RC-2						RC-3						RC-4									
	PID (ppm)	DTP (ft)	DTW (ft)	DTB (ft)	PT (ft)	Product Recovered (gallons)	PID (ppm)	DTP (ft)	DTW (ft)	DTB (ft)	PT (ft)	Product Recovered (gallons)	PID (ppm)	DTP (ft)	DTW (ft)	DTB (ft)	PT (ft)	Product Recovered (gallons)	PID (ppm)	DTP (ft)	DTW (ft)	DTB (ft)	PT (ft)	Product Recovered (gallons)				
2/6/2004		-	-	-	0.00			-	-	-	0.20			-	-	-	0.00			-	-	-	0.10		5.00	0	H.D., G.M.	
2/24/2004		-	-	-	0.00			-	-	-	2.30			-	-	-	0.00			-	-	-	2.70		0.00	47.60	H.D., G.M.	
4/28/2004		-	-	-	0.00			-	-	-	3.40			-	-	-	0.00			-	-	-	3.50		5.00	0.00	H.D., J.F.	
5/21/2004		-	-	-	0.00			-	-	-	3.50			-	-	-	0.00			-	-	-	3.90		5.00	0.00	R.H., G.M.	
7/12/2004		-	-	-	NR			-	-	-	NR			-	-	-	NR			-	-	-	3.60		2.00	NR	E.R., J.L.	
7/30/2004		-	-	-	NR			-	-	-	0.20			-	-	-	NR			-	-	-	0.60		3.00	NR	J.L., T.M.	
10/1/2004		-	-	-	1.20			-	-	-	0.00			-	-	-	1.00			-	-	-	0.00		2.50	10.20	R.H., L.F.	
10/20/2004		-	-	-	0.00			-	-	-	0.30			-	-	-	0.00			-	-	-	0.30		2.50	8.50	R.H., J.L.	
11/19/2004		-	-	-	0.00			-	-	-	2.60			-	-	-	0.00			-	-	-	2.50		2.50	10.20	S.L., J.L.	
12/3/2004		-	-	-	0.60			-	-	-	0.00			-	-	-	1.00			-	-	-	0.00		2.50	7.90	R.H., S.L.	
12/20/2004		-	-	-	0.00			-	-	-	2.20			-	-	-	0.00			-	-	-	2.20		2.50	18.70	L.F., J.L.	
1/6/2005		-	-	-	0.00			-	-	-	2.40			-	-	-	0.00			-	-	-	2.30		2.50	20.40	L.F., J.L.	
1/17/2005		-	-	-	0.00			-	-	-	2.50			-	-	-	0.00			-	-	-	2.30		2.50	29.10	L.F., J.L.	
2/10/2005		-	-	-	0.00			-	-	-	0.80			-	-	-	0.00			-	-	-	0.80		2.50	25.50	S.L., J.L.	
2/22/2005		-	-	-	0.00			-	-	-	2.90			-	-	-	0.00			-	-	-	2.80		2.50	25.00	S.L., M.H.	
3/10/2005		-	-	-	0.00			-	-	-	3.00			-	-	-	0.00			-	-	-	3.00		2.50	54.00	S.L., M.H.	
5/9/2005		-	-	-	"NA"			-	-	-	3'2"			-	-	-	"NA"			-	-	-	3'4"		2.50	53	J.L., J.G.	
6/22/2005		-	-	-	3'0"			-	-	-	0			-	-	-	2'9"			-	-	-	0		2.50	10	R.H., S.L.	
7/5/2005		-	-	-	2'7"			-	-	-	"N/A"			-	-	-	2'8"			-	-	-	"N/A"		2.50	8.5	R.H., J.L.	
8/18/2009	FID: 16.4	ND	11.27	17.25	0.00	-	FID: 3835 (Out of Range)	ND	11.75	16.62	0.00	0.00	FID: 6.4	ND	11.22	16.62	0.00	-	FID: 744	11.68	11.68	17.82	Sheen	0.00	0.00	0.00	EM	
10/27/2009	0.70	ND	10.72	NM	-	-	29.70	10.85	13.98	NM	3.13	0.00	0.70	ND	10.45	NM	0.00	-	29.30	10.78	13.94	NM	3.16	0.00	-	-	SB	
11/3/2009	NM	10.68	10.68	NM	Sheen	-	NM	10.88	13.84	NM	2.96	1.924	NM	ND	10.49	NM	0.00	-	NM	10.82	13.58	NM	2.76	1.794	3.72	3.72	EM, SB	
4/13/2010	-	-	-	-	-	-	0	9.74	13.91	NM	4.17	6.19	-	-	-	-	-	-	0	9.67	13.80	NM	4.13	5.37	11.56	11.56	EM, PS	
10/19/2010	0	ND	12.35	NM	0.00	-	2300	13.20	14.35	NM	1.15	1.5	0	ND	12.78	NM	0.00	-	2415	13.15	14.30	NM	1.15	1.5	3.00	1.50	EM, PS	
5/12/2011	-	-	11.98	NM	-	-	-	12.54	13.94	NM	1.40	-	-	-	12.50	NM	-	-	-	12.46	13.85	NM	1.39	-	-	-	-	EM, PS
10/25/2011	-	-	14.12	NM	-	-	-	14.00	15.34	NM	1.34	1.35	-	-	13.87	NM	-	-	-	13.95	15.03	NM	1.10	1.1	2.45	2.45	EM, PS	
10/20/2012	-	-	14.48	NM	-	-	-	14.47	16.10	NM	1.63	1.06	-	-	14.23	NM	-	-	-	14.32	15.19	NM	0.87	0.57	1.63	1.63	MRH/ERS/JAP	
5/16/2013	-	-	10.37	NM	-	-	-	11.35	13.85	NM	2.50	1.63	-	-	11.30	NM	-	-	-	11.30	13.71	NM	2.41	1.57	3.19	3.19	MRH/ERS	
11/2/2013	-	-	12.70	NM	-	-	-	13.42	13.94	NM	0.52	0.34	-	-	13.20	NM	-	-	-	13.35	13.85	NM	0.50	0.33	0.66	0.66	MRH/BF	
5/11/2014	-	-	10.95	NM	-	-	-	11.58	13.85	NM	2.27	1.48	-	-	11.37	NM	-	-	-	11.51	13.73	NM	2.22	1.44	2.92	1.66	LP/GP	
11/7/2014	-	-	11.34	NM	-	-	-	12.55	13.95	NM	1.40	0.91	-	-	12.10	NM	-	-	-	12.50	13.85	NM	1.35	0.88	1.79	2.66	LP/BF	

Notes

Estimated total LNAPL recovery - 52 to 110 gallons

\*10/1/04 and subsequent LNAPL recovery values reported as 1.00 gallons from RC-2 and 1.5 gallons from RC-4

Italicized - likely a field or transcription error

All values prior to 5/9/05 reported in 2 decimal places ending in zero

Values in quotes are as written

NR = not recorded

NM = not measured

## Appendix A

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Field Sample Data Forms





# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-5

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/9/14

TASK: Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 68 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 13.39 ft. (Spring 2013: 13.15)  
Depth to Well Bottom 22.35 ft.  
Feet of Water in Well 8.96 ft. 0.65 gal/ft (4" diameter)  
Calculated Volume of Water in Well 1.43 gal. 0.16 gal/ft (2" diameter)  
3 Well Volumes 4.29 gal. 0.092 gal/ft (1.5" diameter)

*Casing broken*  
Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

\*From table due to presence of deidicated pump

Key Number 65336

Number of Well Volumes Purged 3.14 (minimum 3.0)

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1641

Purge End Time 1657

Volume Purged 4.5 gal.

Well Evacuated?  Yes  No

### Time Series Data

Instrument:	Horiba U-52			
Calibrated:	Date <u>5/2/14</u>			
Time:	<u>1641</u>	<u>1647</u>	<u>1652</u>	<u>1657</u>
DIW (ft) <i>Well Volume</i>	<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>
Temp (degrees C)	<u>17.22</u>	<u>16.48</u>	<u>16.22</u>	<u>15.97</u>
pH	<u>6.37</u>	<u>6.39</u>	<u>6.31</u>	<u>6.33</u>
COND (mS/cm)	<u>0.340</u>	<u>0.357</u>	<u>0.310</u>	<u>0.375</u>
DO (mg/L)	<u>0.98</u>	<u>1.56</u>	<u>1.19</u>	<u>3.11</u>
ORP (mV)	<u>271</u>	<u>268</u>	<u>275</u>	<u>273</u>
Turb. (NTU) ≤10	<u>3.2</u>	<u>16.3</u>	<u>38</u>	<u>30.1</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1710

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 5

Comments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH  
ABLE REGULATORY AND CORPORATE PROTOCOLS

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-7

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/9/14

TASK: Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 64 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 10.90 ft. (Spring 2013: 10.79)

Depth to Well Bottom 16.2 ft.

Feet of Water in Well 5.3 ft. 0.65 gal/ft (4" diameter)

Calculated Volume of Water in Well 0.848 gal. 0.16 gal/ft (2" diameter)

3 Well Volumes 2.54 gal. 0.092 gal/ft (1.5" diameter)

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

\*From table due to presence of deidicated pump

Lock Type American

Key Number 65336

Number of Well Volumes Purged 3.3 (minimum 3.0)

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 0950

Purge End Time 1005

Volume Purged 2.8 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Time: 0950 0955 1000 1005

DTW (ft) well volume 0 1 2 3

Temp (degrees C) 15.07 14.55 14.35 14.33

pH 6.05 5.94 5.95 5.94

COND (mS/cm) 0.208 0.209 0.199 0.199

DO (mg/L) 1.90 1.57 2.25 1.92

ORP (mV) 201 209 214 217

Turb. (NTU)  $\leq 10$  123 122 186 186

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1020

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid

Color: yellowish

Duplicate Collected?  Yes  No

Immiscible Liquid: None

Number of Bottles Filled: 5

Comments \_\_\_\_\_

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-8  
Date: 5/12/14

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 75 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 9.40 ft. (Spring 2013 9.41)  
Depth to Well Bottom 50.0 ft.  
Feet of Water in Well 40.6 ft.

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Pro casing

Datum:

\*From table due to presence of dedicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 0850

Purge End Time 0930

Volume Purged 2 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Time:	<u>0850</u>	<u>0855</u>	<u>0900</u>	<u>0905</u>	<u>0910</u>	<u>0915</u>	<u>0920</u>	<u>0925</u>	<u>0930</u>
DTW(ft)	<u>9.40</u>								
Temp (degrees C) ±1°	<u>18.87</u>	<u>18.12</u>	<u>17.87</u>	<u>17.84</u>	<u>17.99</u>	<u>17.98</u>	<u>17.93</u>	<u>18.07</u>	<u>18.07</u>
pH ±0.1	<u>6.06</u>	<u>6.20</u>	<u>6.16</u>	<u>6.17</u>	<u>6.17</u>	<u>6.11</u>	<u>6.23</u>	<u>6.15</u>	<u>6.19</u>
COND (mS/cm) ±5%	<u>0.311</u>	<u>0.286</u>	<u>0.276</u>	<u>0.272</u>	<u>0.270</u>	<u>0.268</u>	<u>0.266</u>	<u>0.264</u>	<u>0.265</u>
DO (mg/L)	<u>3.32</u>	<u>2.46</u>	<u>0.33</u>	<u>0.08</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
ORP (mV)	<u>76</u>	<u>61</u>	<u>51</u>	<u>41</u>	<u>43</u>	<u>38</u>	<u>41</u>	<u>41</u>	<u>40</u>
Turb. (NTU) ≤10	<u>87.8</u>	<u>50.8</u>	<u>41.6</u>	<u>36</u>	<u>29.7</u>	<u>26.9</u>	<u>27.4</u>	<u>27.0</u>	<u>26.8</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 0940

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_

Duplicate Collected?  Yes  No

Immiscible Liquid: None

Number of Bottles Filled: 5

Comments Start CPM 4 10/5

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-9

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/12/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 87 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 1.08 ft. (Spring 2013 1.35)  
Depth to Well Bottom 75.0 ft.  
Feet of Water in Well 73.92 ft.

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Pro casing

Datum:

\*From table due to presence of deidicated pump

Lock Type American  
Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_  
Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_  
Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_  
Purging Equipment:  Dedicated  Disposable  Field Cleaned

## Time Series Data

Instrument:	Horiba U-52										
Calibrated:	Date <u>5/2/14</u>										
Time:	<u>1513</u>	<u>1518</u>	<u>1523</u>	<u>1528</u>	<u>1533</u>	<u>1538</u>	<u>1543</u>	<u>1548</u>	<u>1553</u>	<u>1558</u>	<u>1603</u>
DTW(ft)	<u>1.08</u>	<u>1.08</u>	<u>1.15</u>	<u>1.15</u>	<u>1.15</u>	<u>1.15</u>	<u>1.15</u>	<u>1.15</u>	<u>1.3</u>	<u>1.3</u>	<u>1.3</u>
Temp (degrees C) ±1°	<u>30.11</u>	<u>24.88</u>	<u>24.81</u>	<u>25.42</u>	<u>24.43</u>	<u>22.64</u>	<u>22.55</u>	<u>22.71</u>	<u>24.02</u>	<u>24.43</u>	<u>24.06</u>
pH ±0.1	<u>6.80</u>	<u>6.92</u>	<u>6.85</u>	<u>6.69</u>	<u>6.56</u>	<u>6.79</u>	<u>6.71</u>	<u>6.67</u>	<u>6.77</u>	<u>6.67</u>	<u>6.71</u>
COND (mS/cm) ±5%	<u>0.178</u>	<u>0.180</u>	<u>0.180</u>	<u>0.182</u>	<u>0.175</u>	<u>0.177</u>	<u>0.179</u>	<u>0.178</u>	<u>0.177</u>	<u>0.176</u>	<u>0.177</u>
DO (mg/L)	<u>3.27</u>	<u>6.68</u>	<u>0.42</u>	<u>0.48</u>	<u>0.44</u>	<u>0.26</u>	<u>6.27</u>	<u>0.25</u>	<u>0.19</u>	<u>6.25</u>	<u>0.26</u>
ORP (mV)	<u>82</u>	<u>-33</u>	<u>-36</u>	<u>-32</u>	<u>-21</u>	<u>-31</u>	<u>-28</u>	<u>-25</u>	<u>-32</u>	<u>-27</u>	<u>-23</u>
Turb. (NTU) ≤10	<u>12.1</u>	<u>22.0</u>	<u>27.1</u>	<u>22.6</u>	<u>14.0</u>	<u>21.4</u>	<u>14.8</u>	<u>12.0</u>	<u>9.8</u>	<u>11.2</u>	<u>10.4</u>

Purge Start Time 1513  
Purge End Time 1603  
Volume Purged 4.5 gal.  
Well Evacuated?  Yes  No

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1610  
(Date above and time here should correspond with date and time on sample bottle)  
Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon  
Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron  
Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 5

Comments Start CPM 3 11/9

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-10

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/12/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 85 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 14.70 ft. (Spring 2013 14.21)  
Depth to Well Bottom 50.15 ft.  
Feet of Water in Well 35.45 ft.

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Pro casing

Datum:

\*From table due to presence of deicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1305

Purge End Time 1350

Volume Purged 2 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Time:	1305	1310	1315	1320	1325	1330	1335	1340	1345	1350
DTW(ft)	14.70	14.70	14.70	14.70	14.70	14.70	14.70	14.70	14.70	14.70
Temp (degrees C) ±1°	20.77	20.23	19.48	19.53	19.02	19.95	19.94	19.83	19.30	19.15
pH ±0.1	6.30	6.56	6.50	6.36	6.31	6.26	6.23	6.25	6.28	6.29
COND (mS/cm) ±5%	0.215	0.222	0.219	0.215	0.215	0.217	0.211	0.212	0.213	0.212
DO (mg/L)	9.40	6.27	3.95	1.96	1.24	0.95	2.44	0.85	1.64	0.79
ORP (mV)	154	142	108	93	86	82	80	77	75	75
Turb. (NTU) ≤10	17.0	34.6	65.2	64.1	60.4	57.3	52.6	48.6	46.0	47.5

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1400

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

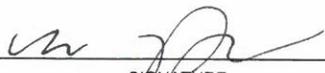
Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No

Immiscible Liquid: None Number of Bottles Filled: 5

Comments Start CPM 4 10/5  
CPM 3 11/9

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

  
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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-11

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GKP

Date: 5/9/14

TASK: Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 64 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 9.04 ft. (Spring 2013: 9.04)  
Depth to Well Bottom 20.85 ft.  
Feet of Water in Well 11.81 ft. 0.65 gal/ft (4" diameter)  
Calculated Volume of Water in Well 1.89 gal. 0.16 gal/ft (2" diameter)  
3 Well Volumes 5.67 gal. 0.092 gal/ft (1.5" diameter)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

*Area was flooded*

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

\*From table due to presence of deicated pump

Key Number 65336

Number of Well Volumes Purged 3.17 (minimum 3.0)

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 0825

Purge End Time 0855

Volume Purged 6 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Time: 0825 0835 0840 0845 0850 0855

DTW (ft) 0 1 1 1/2 2 2 1/2 3

Temp (degrees C) 16.45 15.62 15.27 15.08 14.93 14.80

pH 6.56 6.53 6.52 6.50 6.48 6.52

COND (mS/cm) 1.73 1.77 1.41 1.19 1.09 1.02

DO (mg/L) 1.71 1.51 1.69 0.96 0.74 1.54

ORP (mV) 30 49 79 97 105 110

Turb. (NTU) ≤10 69.6 141 254 259 235 231

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 0910

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid

Color: yellowish

Duplicate Collected?  Yes  No

Immiscible Liquid: None

Number of Bottles Filled: 5

Comments \_\_\_\_\_

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

*[Signature]*  
SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-12

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/7/14

TASK: Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 85° °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 8.08 ft. (Spring 2013: 7.86)  
Depth to Well Bottom 22.45 ft.  
Feet of Water in Well 14.37 ft. 0.65 gal/ft (4" diameter)  
Calculated Volume of Water in Well 2.4 gal. 0.16 gal/ft (2" diameter)  
3 Well Volumes 7.2 gal. 0.092 gal/ft (1.5" diameter)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Pro casing

Datum:

\*From table due to presence of deidicated pump

Lock Type American  
Key Number 65336

Number of Well Volumes Purged 3.0 (minimum 3.0)

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1445  
Purge End Time 1516  
Volume Purged 7.5 gal.  
Well Evacuated?  Yes  No

## Time Series Data

Instrument:	Horiba U-52					
Calibrated:	Date <u>5/2/14</u>					
Time:	<u>1445</u>	<u>1455</u>	<u>1500</u>	<u>1506</u>	<u>1511</u>	<u>1516</u>
DTW (ft)	<u>8.08</u>	<u>[1.1v]</u>	<u>[1.5]</u>	<u>[2.07]</u>	<u>[2.57]</u>	<u>[3]</u>
Temp (degrees C)	<u>20.29</u>	<u>18.57</u>	<u>18.38</u>	<u>18.83</u>	<u>18.60</u>	<u>18.64</u>
pH	<u>6.11</u>	<u>5.48</u>	<u>5.35</u>	<u>5.35</u>	<u>5.39</u>	<u>5.42</u>
COND (mS/cm)	<u>0.744</u>	<u>0.174</u>	<u>0.144</u>	<u>0.143</u>	<u>0.137</u>	<u>0.140</u>
DO (mg/L)	<u>3.24</u>	<u>1.92</u>	<u>2.83</u>	<u>2.40</u>	<u>2.29</u>	<u>2.15</u>
ORP (mV)	<u>+165</u>	<u>219</u>	<u>230</u>	<u>233</u>	<u>234</u>	<u>230</u>
Turb. (NTU) ≤10	<u>2.9x</u>	<u>245</u>	<u>219</u>	<u>51</u>	<u>173</u>	<u>129</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1530

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: sl yellowish turb Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 5

Comments Some water in F.M. (halt it out before opening) / RO200 L12  
Slightly cloudy / turbid @ sample.

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-13

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/12/14

TASK: Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 80 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 11.51 ft. (Spring 2012: 12.05)  
Depth to Well Bottom 23.96 ft.  
Feet of Water in Well 12.45 ft. 0.65 gal/ft (4" diameter)  
Calculated Volume of Water in Well 1.99 gal. 0.16 gal/ft (2" diameter)  
3 Well Volumes 5.98 gal. 0.092 gal/ft (1.5" diameter)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Pro casing

Datum:

\*From table due to presence of deicated pump

Lock Type American  
Key Number 65336

Number of Well Volumes Purged 3.02 (minimum 3.0)

Purge Method:  Peristaltic  Bailer  Sub Pump

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1723  
Purge End Time 1738  
Volume Purged 6 gal.  
Well Evacuated?  Yes  No

### Time Series Data

Instrument:	Horiba U-52		Purge Date			Sample	
Calibrated:	Date	<u>5/2/14</u>	<u>5/11/14</u>	<u>5/12/14</u>	<u>5/12/14</u>	<u>5/12/14</u>	<u>1100</u>
Time:	<u>1723</u>	<u>1727</u>	<u>1730</u>	<u>1733</u>	<u>1735</u>	<u>1738</u>	<u>5/12/14 1100</u>
OTW (ft) <i>well volume</i>	<u>0</u>	<u>1</u>	<u>1 1/2</u>	<u>2</u>	<u>2 1/2</u>	<u>3</u>	<u>-</u>
Temp (degrees C)	<u>19.88</u>	<u>17.90</u>	<u>17.04</u>	<u>16.74</u>	<u>16.41</u>	<u>16.17</u>	<u>20.41</u>
pH	<u>6.73</u>	<u>6.48</u>	<u>6.38</u>	<u>6.12</u>	<u>5.72</u>	<u>5.96</u>	<u>6.92</u>
COND (mS/cm)	<u>0.289</u>	<u>0.276</u>	<u>0.278</u>	<u>0.278</u>	<u>0.280</u>	<u>0.280</u>	<u>0.286</u>
DO (mg/L)	<u>7.97</u>	<u>5.45</u>	<u>5.05</u>	<u>4.30</u>	<u>4.43</u>	<u>5.50</u>	<u>4.23</u>
ORP (mV)	<u>207</u>	<u>237</u>	<u>248</u>	<u>265</u>	<u>288</u>	<u>280</u>	<u>215</u>
Turb. (NTU) ≤10	<u>32.9</u>	<u>123</u>	<u>460</u>	<u>367</u>	<u>374</u>	<u>420</u>	<u>498</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1055  
(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_  
Immiscible Liquid: None

Duplicate Collected?  Yes  No  
Number of Bottles Filled: 5

Comments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-14

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/6/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 80-85 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 17.38 ft. (range 16.03 - 17.71)  
Depth to Well Bottom 27.23 ft.  
Feet of Water in Well 9.85 ft. (range 9.52 - 11.2)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Procasing

Datum:

\*From table due to presence of deidicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1235

Purge End Time 1255

Volume Purged ~1.1 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument:	Horiba U-52				
Calibrated:	Date <u>5/2/14</u> <u>8.5/6.5</u>				
Time:	<u>1235</u>	<u>1240</u>	<u>1245</u>	<u>1250</u>	<u>1255</u>
DTW(ft)	<u>17.38</u>	<u>17.41</u>	<u>17.41</u>	<u>17.41</u>	<u>17.41</u>
Temp (degrees C) ±1°	<u>22.25</u>	<u>20.55</u>	<u>18.37</u>	<u>18.08</u>	<u>18.04</u>
pH ±0.1	<u>6.55</u>	<u>6.17</u>	<u>6.11</u>	<u>6.10</u>	<u>6.06</u>
COND (mS/cm) ±5%	<u>0.238</u>	<u>0.255</u>	<u>0.267</u>	<u>0.268</u>	<u>0.264</u>
DO (mg/L)	<u>3.04</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
ORP (mV)	<u>-38</u>	<u>14</u>	<u>27</u>	<u>48</u>	<u>45</u>
Turb. (NTU) ≤10	<u>31.3</u>	<u>26.6</u>	<u>20.2</u>	<u>11.5</u>	<u>0.0</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1300

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_  
Immiscible Liquid: None

Duplicate Collected?  Yes  No  
Number of Bottles Filled: 5

Comments Sit @ 8.586.5 (CPM4) based on prior event (~200 ml/min)  
reduced flow to ~120-130 ml/min for sample

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-16

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/12/14

TASK: Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 80 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 9.55 ft. (Spring 2013: 8.96)  
Depth to Well Bottom 17.88 ft.  
Feet of Water in Well 8.33 ft. 0.65 gal/ft (4" diameter)  
Calculated Volume of Water in Well 1.33 gal. 0.16 gal/ft (2" diameter)  
3 Well Volumes 3.99 gal. 0.092 gal/ft (1.5" diameter)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

\*From table due to presence of deidicated pump

Key Number 65336

Number of Well Volumes Purged 4.51 (minimum 3.0)

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1928

Purge End Time 1943

Volume Purged 6 gal.

Well Evacuated?  Yes  No

### Time Series Data

Instrument:	Horiba U-52		Purged		Sampled		
Calibrated:	Date	<u>5/2/14</u>	<u>5/11/14</u>	<u>5/12/14</u>			
Time:		<u>1928</u>	<u>1933</u>	<u>1936</u>	<u>1939</u>	<u>1941</u>	<u>1943 5/12/14 1140</u>
DFW (ft) <i>Wells Volumes</i>		<u>0</u>	<u>2 gal</u>	<u>3 gal</u>	<u>4 gal</u>	<u>5 gal</u>	<u>6 gal</u>
Temp (degrees C)		<u>17.76</u>	<u>15.50</u>	<u>14.78</u>	<u>14.53</u>	<u>14.37</u>	<u>14.77</u>
pH		<u>5.72</u>	<u>5.46</u>	<u>5.33</u>	<u>5.30</u>	<u>5.23</u>	<u>5.39</u>
COND (mS/cm)		<u>10.3</u>	<u>7.84</u>	<u>7.54</u>	<u>7.62</u>	<u>7.30</u>	<u>3.48</u>
DO (mg/L)		<u>1.19</u>	<u>2.78</u>	<u>11.98</u>	<u>3.09</u>	<u>11.57</u>	<u>2.89</u>
ORP (mV)		<u>153</u>	<u>142</u>	<u>146</u>	<u>152</u>	<u>157</u>	<u>142</u>
Turb. (NTU) ≤10		<u>428</u>	<u>861</u>	<u>754</u>	<u>822</u>	<u>765</u>	<u>717</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1130

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: yellowish Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 5

Comments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

  
SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-20PROJECT: Grenada Main Plant PERSONNEL: LHP/GKPDate: 5/7/14TASK: Groundwater SamplingWeather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  WindyTemperature: 85 °FCasing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVCDepth to Static Water Level 9.81 ft. (Spring 2013: 9.78)  
Depth to Well Bottom 24.2 ft.  
Feet of Water in Well 14.39 ft. 0.65 gal/ft (4" diameter)  
Calculated Volume of Water in Well 2.30 gal. 0.16 gal/ft (2" diameter)  
3 Well Volumes 6.90 gal. 0.092 gal/ft (1.5" diameter)Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  NoMeasurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

\*From table due to presence of deidicated pump

Key Number 65336Number of Well Volumes Purged 3.26 (minimum 3.0)Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_Purging Equipment:  Dedicated  Disposable  Field Cleaned

## Time Series Data

Purge Start Time 1500  
Purge End Time 1530  
Volume Purged 7.5 gal.  
Well Evacuated?  Yes  NoInstrument: Horiba U-52Calibrated: Date 5/2/14

Well Time	0	1	1 1/2	2	2 1/2	3
DTW (ft)	<u>9.81</u>					
Temp (degrees C)	<u>22.63</u>	<u>20.55</u>	<u>20.53</u>	<u>20.11</u>	<u>20.91</u>	<u>20.11</u>
pH	<u>6.59</u>	<u>6.67</u>	<u>6.17</u>	<u>6.02</u>	<u>6.03</u>	<u>6.03</u>
COND (mS/cm)	<u>0.362</u>	<u>0.304</u>	<u>0.297</u>	<u>0.300</u>	<u>0.293</u>	<u>0.301</u>
DO (mg/L)	<u>9.00</u>	<u>2.00</u>	<u>0.92</u>	<u>0.88</u>	<u>0.80</u>	<u>2.26</u>
ORP (mV)	<u>-10</u>	<u>4</u>	<u>19</u>	<u>19</u>	<u>20</u>	<u>18</u>
Turb. (NTU) ≤10	<u>323</u>	<u>421</u>	<u>255</u>	<u>185</u>	<u>259</u>	<u>281</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1540

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PECord/Tubing  Teflon  Polyethylene  NylonSampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: brownish tint Duplicate Collected?  Yes  NoImmiscible Liquid: None Number of Bottles Filled: 5Comments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

  
SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-23

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GKP

Date: 5/12/14

TASK: Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 80 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 8.88 ft. (Spring 2013: 8.76)

Depth to Well Bottom 22.5 ft.

Feet of Water in Well 13.62 ft. 0.65 gal/ft (4" diameter)

Calculated Volume of Water in Well 2.18 gal. 0.16 gal/ft (2" diameter)

3 Well Volumes 6.54 gal. 0.092 gal/ft (1.5" diameter)

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

\*From table due to presence of deidicated pump

Key Number 65336

Number of Well Volumes Purged 3.21 (minimum 3.0)

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1837

Purge End Time 1858

Volume Purged 7 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Time:

DTW (#)

Temp (degrees C)

pH

COND (mS/cm)

DO (mg/L)

ORP (mV)

Turb. (NTU) ≤10

	Purged		Sampled		
Date	5/11/14	5/12/14	5/11/14	5/12/14	
Time	1837	1841	1845	1848	1853
DTW (#)	0	1	1 1/2	2	2 1/2
Temp (degrees C)	19.39	18.37	18.24	18.22	18.03
pH	6.99	6.95	6.73	6.59	6.50
COND (mS/cm)	0.543	0.553	0.535	0.523	0.510
DO (mg/L)	13.16	2.41	2.56	11.33	7.36
ORP (mV)	262	271	279	284	285
Turb. (NTU) ≤10	217	744	671	530	350

Sample Time: 1020

(Date above and time here should correspond with date and time on sample bottle)

Sampling Method:  Peristaltic  Bailer  Sub Pump

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Sampling Appearance:  Clear  Cloudy  Turbid  
Immiscible Liquid: None

Color: yellowish

Duplicate Collected?  Yes  No

Number of Bottles Filled: 5

Comments \_\_\_\_\_

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

  
SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-25

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/9/14

TASK: Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 72 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 8.01 ft. (Spring 2013: 8.34)  
Depth to Well Bottom 22.4 ft.  
Feet of Water in Well 14.39 ft. 0.65 gal/ft (4" diameter)  
Calculated Volume of Water in Well 2.30 gal. 0.16 gal/ft (2" diameter)  
3 Well Volumes 6.90 gal. 0.092 gal/ft (1.5" diameter)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

*under water and plant equipment*

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

\*From table due to presence of deidicated pump

Key Number 65336

Number of Well Volumes Purged 3.04 (minimum 3.0)

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1130

Purge End Time 1158

Volume Purged 7 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Time: 1130 1137 1143 1148 1153 1158

DTW (ft) *well volume* 0 1 1 1/2 2 2 1/2 3

Temp (degrees C) 17.67 17.92 18.67 18.06 18.45 17.98

pH 6.50 6.51 6.52 6.45 6.45 6.44

COND (mS/cm) 1.20 1.02 1.01 0.739 0.609 0.552

DO (mg/L) 1.6 1.6 0.87 0.41 1.31 0.87 1.35

ORP (mV) -4 -1 0 16 31 38

Turb. (NTU) ≤10 28.5 20.5 15.5 11.4 20.0 18.8 23.6

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1220

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid  
Immiscible Liquid: None

Color: grayish tint

Duplicate Collected?  Yes  No

Number of Bottles Filled: 5

Comments \_\_\_\_\_

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-41

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/16/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: ~75 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 15.25 ft. (range 12.74 - 15.6)  
Depth to Well Bottom 27.2 ft.  
Feet of Water in Well 11.95 ft. (range 11.6 - 14.46)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Pro casing

Datum:

\*From table due to presence of deidicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump  
Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon  
Purging Equipment:  Dedicated  Disposable  Field Cleaned

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

## Time Series Data

Instrument:	Horiba U-52									
Calibrated:	Date <u>5/21/14</u> <u>11:4 ~ 140-150 ml/min</u>									
Time:	<u>1555</u>	<u>1600</u>	<u>1609</u>	<u>1610</u>	<u>1615</u>	<u>1620</u>	<u>1625</u>	<u>1630</u>	<u>1635</u>	<u>1640</u>
DTW(ft)	<u>15.25</u>	<u>15.31</u>	<u>15.35</u>	<u>15.34</u>						<u>15.35</u>
Temp (degrees C) ±1°	<u>29.24</u>	<u>22.81</u>	<u>21.77</u>	<u>21.37</u>	<u>21.82</u>	<u>22.01</u>	<u>21.87</u>	<u>21.49</u>	<u>21.38</u>	<u>21.39</u>
pH ±0.1	<u>8.46</u>	<u>8.70</u>	<u>9.53</u>	<u>9.60</u>	<u>9.65</u>	<u>9.68</u>	<u>9.68</u>	<u>9.68</u>	<u>9.69</u>	<u>9.68</u>
COND (mS/cm) ±5%	<u>0.361</u>	<u>0.382</u>	<u>0.393</u>	<u>0.399</u>	<u>0.400</u>	<u>0.402</u>	<u>0.407</u>	<u>0.409</u>	<u>0.406</u>	<u>0.405</u>
DO (mg/L)	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>1.0</u>	<u>0.0</u>	<u>0.0</u>
ORP (mV)	<u>-148</u>	<u>-267</u>	<u>-253</u>	<u>-245</u>	<u>-238</u>	<u>-238</u>	<u>-231</u>	<u>-230</u>	<u>-231</u>	<u>-232</u>
Turb. (NTU) ≤10	<u>35.4</u>	<u>33.6</u>	<u>90.6</u>	<u>107</u>	<u>104</u>	<u>96.3</u>	<u>83.0</u>	<u>53.5</u>	<u>56.7</u>	<u>57.8</u>

Purge Start Time 1555  
Purge End Time 1640  
Volume Purged ~1.5 gal.  
Well Evacuated?  Yes  No

● 1605  
11.5:3.5  
● ~100ml  
min

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1645

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid  
Immiscible Liquid: None Color: \_\_\_\_\_

Duplicate Collected?  Yes  No  
Number of Bottles Filled: 5

Comments STARTED @ CPM 4, 16:14. BASED ON TRIP EVENT. TURBIDITY MEASURED, LOWER FLOW DUE TO CPM 4, 16:13.5 TURB ↓, SAMPLE @ ~55-60 MIN SAMPLE CLEAR

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-42

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/6/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: ~75 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 15.50 ft. (range 13.17 - 16.02)  
Depth to Well Bottom 50.51 ft.  
Feet of Water in Well 35.01 ft. (range 34.49 - 37.34)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Pro casing

Datum:

\*From table due to presence of dedicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1655  
Purge End Time 1700  
Volume Purged ~0.8 gal.  
Well Evacuated?  Yes  No

### Time Series Data

Instrument:	Horiba U-52 <u>B19497B</u>					
Calibrated:	Date <u>5/2/14</u> <u>10:5 - 120 mL/min</u>					
Time:	<u>1655</u>	<u>1700</u>	<u>1705</u>	<u>1710</u>	<u>1715</u>	<u>1720</u>
DTW(ft)	<u>15.50</u>	<u>15.56</u>				<u>15.56</u>
Temp (degrees C) ±1°	<u>21.95</u>	<u>21.91</u>	<u>21.40</u>	<u>20.96</u>	<u>20.93</u>	<u>20.81</u>
pH ±0.1	<u>9.10</u>	<u>8.80</u>	<u>7.69</u>	<u>6.90</u>	<u>6.84</u>	<u>6.86</u>
COND (mS/cm) ±5%	<u>0.412</u>	<u>0.382</u>	<u>0.389</u>	<u>0.402</u>	<u>0.406</u>	<u>0.405</u>
DO (mg/L)	<u>2.83</u>	<u>2.29</u>	<u>2.17</u>	<u>1.68</u>	<u>1.50</u>	<u>1.38</u>
ORP (mV)	<u>-193</u>	<u>-193</u>	<u>-114</u>	<u>-100</u>	<u>-101</u>	<u>-100</u>
Turb. (NTU) ≤10	<u>3.4</u>	<u>0.0</u>	<u>0.3</u>	<u>1.6</u>	<u>2.5</u>	<u>2.7</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1725

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 5

Comments CPM4, 10:5 (10# 103)

(added total of ~2-2 1/2 gals to drums, approx ~25-30 gals total)

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

[Signature]

SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-43

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/6/17

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: ~80+ °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 14.63 ft. (range 10.99 - 15.26)  
Depth to Well Bottom 24.35 ft.  
Feet of Water in Well 9.72 ft. (range 9.09 - 13.36)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
(see below) Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Pro casing

Datum:

Lock Type American

\*From table due to presence of deicated pump

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1450

Purge End Time 1515

Volume Purged ~1.1 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument:	Horiba U-52 <u>B19497B</u>						
Calibrated:	Date <u>5/2/14</u> <u>10:5</u> <u>(A.2/Ann)</u>						
Time:	<u>1450</u>	<u>1455</u>	<u>1500</u>	<u>1505</u>	<u>1510</u>	<u>1515</u>	<u>1520</u>
DTW(ft)	<u>14.63</u>	<u>14.90</u>		<u>14.80</u>		<u>14.80</u>	<u>14.78</u>
Temp (degrees C) ±1°	<u>27.07</u>	<u>23.22</u>	<u>21.56</u>	<u>20.44</u>	<u>20.75</u>	<u>20.96</u>	
pH ±0.1	<u>10.47</u>	<u>10.18</u>	<u>10.24</u>	<u>10.26</u>	<u>10.29</u>	<u>10.29</u>	
COND (mS/cm) ±5%	<u>0.322</u>	<u>0.255</u>	<u>0.248</u>	<u>0.245</u>	<u>0.243</u>	<u>0.257</u>	
DO (mg/L)	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	
ORP (mV)	<u>-117</u>	<u>-116</u>	<u>-125</u>	<u>-133</u>	<u>-147</u>	<u>-154</u>	
Turb. (NTU) ≤10	<u>32.4</u>	<u>48.7</u>	<u>63.2</u>	<u>66.4</u>	<u>67.1</u>	<u>67.0</u>	

10:5 ± 240ml/min  
11:4  
12:3 ± 120ml/min

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1520

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 5

Comments leave ~25 gals in drum; only 1 bott in F.M.  
MW-43 - flooded - water in F.M. above cap. - bail out water before cap near  
(Photo of VOG) \* based on Turb, checked at 1500, 1505, stable @ 1517 min

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

London K. Paul  
SIGNATURE

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-44

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/6/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 80° °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 14.05 ft. (range 10.36 - 16.56)  
Depth to Well Bottom 46.1 ft.  
Feet of Water in Well 32.05 ft. (range 29.54 - 35.74)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

\*From table due to presence of deidicated pump

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1350

Purge End Time 1420

Volume Purged 2.1 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument:	Horiba U-52 <u>B194978</u>						
Calibrated:	Date <u>5/2/14</u> 10:5 @ 130 ml/min						
Time:	<u>1350</u>	<u>1355</u>	<u>1400</u>	<u>1405</u>	<u>1410</u>	<u>1415</u>	<u>1420</u>
DTW(ft)	<u>14.05</u>		<u>14.10</u>		<u>14.10</u>	<u>14.10</u>	
Temp (degrees C) ±1°	<u>22.11</u>	<u>21.64</u>	<u>21.48</u>	<u>21.57</u>	<u>21.69</u>	<u>21.60</u>	<u>21.66</u>
pH ±0.1	<u>7.16</u>	<u>7.98</u>	<u>9.63</u>	<u>10.32</u>	<u>10.53</u>	<u>10.56</u>	<u>10.55</u>
COND (mS/cm) ±5%	<u>0.311</u>	<u>0.312</u>	<u>0.317</u>	<u>0.325</u>	<u>0.324</u>	<u>0.325</u>	<u>0.329</u>
DO (mg/L)	<u>1.07</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
ORP (mV)	<u>-20</u>	<u>-86</u>	<u>-120</u>	<u>-151</u>	<u>-159</u>	<u>-165</u>	<u>-166</u>
Turb. (NTU) ≤10	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1420

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No

Immiscible Liquid: None Number of Bottles Filled: 10

Comments Collect Field Duplicate FD-01-2014-9  
(only one bolt in lid of bot., but dry inside)  
CPM 4, 10:5

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

Gordon L. Paril  
SIGNATURE

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-45

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/7/13

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: ~80 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 10.50 ft. (range 8.6 - 12.30)  
Depth to Well Bottom 27.57 ft.  
Feet of Water in Well 17.07 ft. (range 15.27 - 18.97)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Procasing

Lock Type American

Datum:

Key Number 65336

\*From table due to presence of deidicated pump

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1020  
Purge End Time 1050 *4800 mL*  
Volume Purged ~1.3 gal.  
Well Evacuated?  Yes  No

### Time Series Data

Instrument:	Horiba U-52 <u>8194408</u>						
Calibrated:	Date <u>5/21/14</u>	<u>10.5 @ 2.2 / cup 160 ml/min</u>					
Time:	<u>1020</u>	<u>1025</u>	<u>1030</u>	<u>1035</u>	<u>1040</u>	<u>1045</u>	<u>1050 - Sample</u>
DTW(ft)	<u>10.50</u>	<u>10.50</u>	<u>10.50</u>	<u>10.53</u>	<u>10.53</u>	<u>10.53</u>	<u>10.53</u>
Temp (degrees C) ±1°	<u>21.09</u>	<u>17.67</u>	<u>18.39</u>	<u>18.02</u>	<u>17.92</u>	<u>17.93</u>	<u>17.86</u>
pH ±0.1	<u>6.22</u>	<u>5.89</u>	<u>5.88</u>	<u>5.82</u>	<u>5.83</u>	<u>5.84</u>	<u>5.87</u>
COND (mS/cm) ±5%	<u>0.844</u>	<u>0.866</u>	<u>0.865</u>	<u>0.849</u>	<u>0.835</u>	<u>0.818</u>	<u>0.816</u>
DO (mg/L)	<u>2.47</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
ORP (mV)	<u>+98</u>	<u>119</u>	<u>138</u>	<u>154</u>	<u>162</u>	<u>167</u>	<u>168</u>
Turb. (NTU) ≤10	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1050

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 8

Comments labeled well PVC outer side "MW-45"

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

Murdon K. Powell  
SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-46

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/7/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 70 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 10.28 ft. (range 8.6 - 12.13)  
Depth to Well Bottom 48.85 ft.  
Feet of Water in Well 38.57 ft. (range 36.72 - 40.25)

Screen Interval 10 ft

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

\*From table due to presence of deidicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1020  
Purge End Time 1125  
Volume Purged 2 gal.  
Well Evacuated?  Yes  No

### Time Series Data

Instrument:	Horiba U-52									
Calibrated:	Date <u>5/2/14</u>									
Time:	<u>1020</u>	<u>1025</u>	<u>1030</u>	<u>1035</u>	<u>1040</u>	<u>1045</u>	<u>1050</u>	<u>1055</u>	<u>1100</u>	<u>1105</u>
DTW(ft)	<u>10.28</u>	<u>10.29</u>	<u>10.28</u>	<u>10.3</u>						
Temp (degrees C) ±1°	<u>16.82</u>	<u>16.69</u>	<u>16.77</u>	<u>16.94</u>	<u>17.32</u>	<u>17.36</u>	<u>16.86</u>	<u>16.71</u>	<u>16.91</u>	<u>16.97</u>
pH ±0.1	<u>6.22</u>	<u>6.23</u>	<u>6.24</u>	<u>6.25</u>	<u>6.25</u>	<u>6.25</u>	<u>6.26</u>	<u>6.23</u>	<u>6.26</u>	<u>6.25</u>
COND (mS/cm) ±5%	<u>0.476</u>	<u>0.475</u>	<u>0.471</u>	<u>0.469</u>	<u>0.468</u>	<u>0.469</u>	<u>0.469</u>	<u>0.466</u>	<u>0.462</u>	<u>0.460</u>
DO (mg/L)	<u>0.92</u>	<u>0.0</u>	<u>0.8</u>	<u>0.0</u>						
ORP (mV)	<u>23</u>	<u>14</u>	<u>15</u>	<u>15</u>	<u>16</u>	<u>16</u>	<u>19</u>	<u>22</u>	<u>25</u>	<u>26</u>
Turb. (NTU) ≤10	<u>44.2</u>	<u>59.8</u>	<u>55.6</u>	<u>42.2</u>	<u>40.6</u>	<u>38.0</u>	<u>33.5</u>	<u>29.1</u>	<u>20.8</u>	<u>19.5</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1135  
(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 5

Comments Start CPM 4 10/5  
CPM 4 11/4 to get turbidity down  
CPM 8/7

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-47

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/7/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 26.5-70 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 14.32 ft. (range 10.9 - 15.02)  
Depth to Well Bottom 27.68 ft.  
Feet of Water in Well 13.36 ft. (range 12.66 - 16.78)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Procasing

Datum:

\*From table due to presence of deicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 0750  
Purge End Time 0830 6400

Volume Purged ~1.6-1.7 gal.

Well Evacuated?  Yes  No

### Time Series Data

Instrument:	Horiba U-52 <u>B194973</u>									
Calibrated:	Date <u>5/2/14</u> @ <u>10:5</u> ~ <u>140-150ml/min</u> (~40ml ea)									
Time:	<u>0750</u>	<u>0755</u>	<u>0800</u>	<u>0805</u>	<u>0810</u>	<u>0815</u>	<u>0820</u>	<u>0825</u>	<u>0830</u>	<u>750ml 7min</u>
DTW(ft)	<u>14.32</u>	<u>14.43</u>	<u>14.44</u>	<u>14.43</u>	<u>14.43</u>	<u>14.43</u>	<u>14.43</u>	<u>14.43</u>	<u>14.44</u>	<u>14.35 (right after stop)</u>
Temp (degrees C) ±1°	<u>16.41</u>	<u>15.88</u>	<u>15.92</u>	<u>15.95</u>	<u>15.97</u>	<u>16.04</u>	<u>16.06</u>	<u>16.09</u>	<u>16.08</u>	
pH ±0.1	<u>5.66</u>	<u>6.31</u>	<u>6.58</u>	<u>6.83</u>	<u>6.76</u>	<u>6.78</u>	<u>6.82</u>	<u>6.84</u>	<u>6.85</u>	
COND (mS/cm) ±5%	<u>0.149</u>	<u>0.144</u>	<u>0.141</u>	<u>0.133</u>	<u>0.132</u>	<u>0.131</u>	<u>0.131</u>	<u>0.130</u>	<u>0.129</u>	
DO (mg/L)	<u>1.85</u>	<u>0.0</u>								
ORP (mV)	<u>0</u>	<u>-89</u>	<u>-130</u>	<u>-150</u>	<u>-157</u>	<u>-155</u>	<u>-157</u>	<u>-160</u>	<u>-161</u>	
Turb. (NTU) ≤10	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 0830

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 5

Comments PRB: com 4 8:7 - seems ni for T given this event tends to begin start @ 10:5  
+ Pret to Sample @ 0830 to make sure Cr VI @ 930 local time for laboratory.  
Geopure Contractor B20713 B f. Fair and rest

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

[Signature]  
SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-47

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/15/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 63 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 14.4 ft. (range 10.9 - 15.02)  
Depth to Well Bottom 27.68 ft.  
Feet of Water in Well ~~14.28~~ 13.28 ft. (range 12.66 - 16.78)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Pro casing

Datum:

Lock Type American

\*From table due to presence of deicated pump

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1017

Purge End Time 1037

Volume Purged 1 gal.

Well Evacuated?  Yes  No

### Time Series Data

Instrument:	<u>Horiba U-52 - B21277B</u>				
Calibrated:	Date <u>5/2/14</u> <u>Resampling</u>				
Time:	<u>1017</u>	<u>1022</u>	<u>1027</u>	<u>1032</u>	<u>1037</u>
DTW(ft)	<u>14.4</u>	<u>14.5</u>	<u>14.5</u>	<u>14.5</u>	<u>14.5</u>
Temp (degrees C) ±1°	<u>15.14</u>	<u>15.09</u>	<u>15.29</u>	<u>15.43</u>	<u>15.61</u>
pH ±0.1	<u>6.80</u>	<u>7.06</u>	<u>7.27</u>	<u>7.30</u>	<u>7.33</u>
COND (mS/cm) ±5%	<u>0.273</u>	<u>0.152</u>	<u>0.133</u>	<u>0.130</u>	<u>0.128</u>
DO (mg/L)	<u>3.07</u>	<u>0.62</u>	<u>0.04</u>	<u>0.00</u>	<u>0.00</u>
ORP (mV)	<u>-79</u>	<u>-101</u>	<u>-117</u>	<u>-125</u>	<u>-129</u>
Turb. (NTU) ≤10	<u>16.9</u>	<u>9.9</u>	<u>9.2</u>	<u>8.2</u>	<u>8.0</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1045

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_  
Immiscible Liquid: None

Duplicate Collected?  Yes  No

Number of Bottles Filled: 3

Comments Sampling for VOCs  
Start CPM 4 10/5

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

[Signature]  
SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-48

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/7/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: ~70-75 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 13.43 ft. (range 10.36 - 14.87)

Depth to Well Bottom 52.6 ft.

Feet of Water in Well 39.17 ft. (range 37.73 - 42.24)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

\*From table due to presence of dedicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 0845

Purge End Time 0915 3600 ml +/-

Volume Purged ~1.0 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14 B 109497 B

Time:	0845	0850	0855	0900	0905	0910	0915	0920
DTW(ft)	13.43	13.48	13.51	13.51	13.51	13.51	13.51	13.43 after off
Temp (degrees C) ±1°	16.65	16.68	16.70	16.75	16.87	16.92	16.96	16.98
pH ±0.1	6.81	6.66	6.41	6.41	6.38	6.30	6.39	6.40
COND (mS/cm) ±5%	0.166	0.186	0.228	0.282	0.301	0.307	0.311	0.313
DO (mg/L)	9.40	9.20	8.97	8.56	8.14	7.71	7.43	0.0
ORP (mV)	-137	-108	-101	-104	-105	-105	-103	-106
Turb. (NTU) ≤10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

10:5 @ ~30ml/eye  
~120 ml/min

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 0920

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid  
Immiscible Liquid: None Color: \_\_\_\_\_

Duplicate Collected?  Yes  No  
Number of Bottles Filled: 5

Comments + Likely air bubble on D.O. sensor - everything else good + DO not req'd, so don't waste rate try to fix  
+ fix and rest → after sample, unhook vent tube, D.O. drops to 0.0 (air bubble)  
Goopump Control: B20713B Devn: Total volume ~25-30 gals +/-

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

Shawn K. P...  
SIGNATURE

SIGNATURE

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-48

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/15/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 60 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 13.60 ft. (range 10.36 - 14.87)

Depth to Well Bottom 52.6 ft.

Feet of Water in Well 39.0 ft. (range 37.73 - 42.24)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Pro casing

Datum:

\*From table due to presence of dedicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 0940

Purge End Time 1005

Volume Purged 3.25 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Resampling

Time: 0940 0945 0950 0955 1000 1005

DTW(ft) 13.60 13.60 13.64 13.64 13.64 13.64

Temp (degrees C) ±1° 13.86 14.57 14.73 14.83 14.89 14.96

pH ±0.1 6.91 6.68 6.70 6.68 6.69 6.70

COND (mS/cm) ±5% 0.297 0.333 0.337 0.341 0.343 0.343

DO (mg/L) 3.75 1.98 1.36 1.10 0.96 0.80

ORP (mV) -58 -83 -83 -84 -85 -87

Turb. (NTU) ≤10 32.1 12.5 17.8 9.4 8.7 9.9

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1015

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid  
Immiscible Liquid: None Color: \_\_\_\_\_

Duplicate Collected?  Yes  No  
Number of Bottles Filled: 3

Comments just resampling for VOCs  
CPM 4 10/5

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

  
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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-49

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/6/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 81 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 12.63 ft. (range 9.39 - 13.93)

Depth to Well Bottom 48.0 ft.

Feet of Water in Well 35.37 ft. (range 34.07 - 38.61)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

\*From table due to presence of deicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1330

Purge End Time 1400

Volume Purged 2 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Time: 1330 1335 1340 1345 1350 1355 1400

DTW(ft) 12.63 12.65 12.65 12.65 12.63 12.65 12.65

Temp (degrees C) ±1° 23.06 19.38 19.06 18.92 18.96 18.91 18.88

pH ±0.1 7.85 8.92 9.32 9.40 9.51 9.57 9.58

COND (mS/cm) ±5% 0.214 0.232 0.234 0.235 0.234 0.233 0.230

DO (mg/L) 7.46 0.05 0.0 0.0 0.0 0.0 0.0

ORP (mV) -106 -224 -240 -243 -248 -252 -257

Turb. (NTU) ≤10 3.8 2.2 2.5 2.5 1.7 2.1 2.2

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1410

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: yellowish

Duplicate Collected?  Yes  No

Number of Bottles Filled: 5

Immiscible Liquid: None

Comments \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-50

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/6/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 80 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 12.73 ft. (range 9.49 - 14.14)  
Depth to Well Bottom 24.03 ft.  
Feet of Water in Well 11.3 ft. (range 9.89 - 14.54)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Pro casing

Datum:

\*From table due to presence of deicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1150

Purge End Time 1235

Volume Purged 2 gal.

Well Evacuated?  Yes  No

### Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Time:	1150	1155	1200	1205	1210	1215	1220	1225	1230	1235	1240
DTW(ft)	12.73	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.75	12.75
Temp (degrees C) ±1°	21.85	19.77	18.84	19.19	19.55	19.87	19.01	18.27	18.24	18.25	18.23
pH ±0.1	8.95	9.95	9.86	9.51	9.39	9.31	9.05	8.97	8.88	8.86	8.85
COND (mS/cm) ±5%	0.480	0.495	0.507	0.516	0.527	0.533	0.561	0.574	0.584	0.603	0.604
DO (mg/L)	4.74	0.64	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0
ORP (mV)	64	0	-228	-385	-413	-417	-427	-438	-449	-460	-462
Turb. (NTU) ≤10	59.5	47	21.5	18.6	19.3	18.5	8.3	6.5	5.7	3.5	3.3

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1245

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: yellowish/brown Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 13

Comments Start: CPM 3 1/9

MS/MSD collected

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

  
SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-51

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/7/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 65 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 10.79 ft. (range 9.09 - 13.34)

Depth to Well Bottom 27.8 ft.

Feet of Water in Well 17.01 ft. (range 14.46 - 18.71)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Pro casing

Datum:

\*From table due to presence of dedicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 0925

Purge End Time 0940

Volume Purged 4.0 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Time: 0925 0930 0935 0940

DTW(ft) 10.79 10.79 10.79 10.79

Temp (degrees C) ±1° 14.13 14.04 14.06 14.13

pH ±0.1 5.87 5.86 5.87 5.88

COND (mS/cm) ±5% 0.208 0.211 0.210 0.210

DO (mg/L) 7.20 0.0 0.0 0.0

ORP (mV) 234 237 238 241

Turb. (NTU) ≤10 4.4 3.9 3.9 3.8

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 0950

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_

Duplicate Collected?  Yes  No

Number of Bottles Filled: 5

Comments Start CPM 8/7

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-52

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GKP

Date: 5/7/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 65 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 11.0 ft. (range 8.09 - 12.96)

Depth to Well Bottom 46.25 ft.

Feet of Water in Well 35.25 ft. (range 33.29 - 38.16)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Pro casing

Datum:

\*From table due to presence of deidicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

### Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Time: 0755 0800 0805 0810 0815 0820 0825 0830 0835 0840

DTW(ft) 11.0 11.0 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11.3

Temp (degrees C) ±1° 15.32 14.84 14.75 14.83 14.74 14.79 14.83 14.86 14.91 14.97

pH ±0.1 5.62 5.74 5.74 5.73 5.73 5.74 5.73 5.69 5.71 5.70

COND (mS/cm) ±5% 0.192 0.174 0.172 0.172 0.172 0.171 0.171 0.172 0.172 0.172

DO (mg/L) 11.32 5.31 4.49 4.23 3.72 3.52 3.70 2.85 2.57 2.32

ORP (mV) 261 223 210 198 187 181 181 170 174 173

Turb. (NTU) ≤10 9.7 10.0 21.1 18.5 16.7 14.0 13.8 13.0 12.4 10.9

Purge Start Time 0755

Purge End Time 0855

Volume Purged 5 gal.

Well Evacuated?  Yes  No

Next Page →

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 0905

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_

Duplicate Collected?  Yes  No

Number of Bottles Filled: 5

Comments CPM 4 ~~8/7~~ 10/5 at start  
CPM 4 8/7 after 20 min

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-52

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: \_\_\_\_\_

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: \_\_\_\_\_ °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level \_\_\_\_\_ ft. (range 8.09 - 12.96)  
Depth to Well Bottom 46.25 ft.  
Feet of Water in Well \_\_\_\_\_ ft. (range 33.29 - 38.16)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement Datum:  Top of Inner Casing  Pro casing

Lock Type American

Datum:

\*From table due to presence of deidicated pump

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump  
Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon  
Purging Equipment:  Dedicated  Disposable  Field Cleaned

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

## Time Series Data

Instrument:	<u>Horiba U-52</u>		
Calibrated:	Date _____		
Time:	<u>0845</u>	<u>0850</u>	<u>0855</u>
DTW(ft)	<u>11.3</u>	<u>11.3</u>	<u>11.3</u>
Temp (degrees C) ±1°	<u>14.95</u>	<u>15.02</u>	<u>15.06</u>
pH ±0.1	<u>5.73</u>	<u>5.70</u>	<u>5.76</u>
COND (mS/cm) ±5%	<u>0.171</u>	<u>0.172</u>	<u>0.173</u>
DO (mg/L)	<u>2.11</u>	<u>1.91</u>	<u>1.68</u>
ORP (mV)	<u>170</u>	<u>165</u>	<u>157</u>
Turb. (NTU) ≤10	<u>10.0</u>	<u>9.5</u>	<u>9.7</u>

Purge Start Time \_\_\_\_\_

Purge End Time \_\_\_\_\_

Volume Purged \_\_\_\_\_ gal.

Well Evacuated?  Yes  No

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 0905

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid  
Immiscible Liquid: None Color: \_\_\_\_\_

Duplicate Collected?  Yes  No

Number of Bottles Filled: \_\_\_\_\_

Comments \_\_\_\_\_  
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THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-53

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GKP

Date: 5/9/14

TASK: Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 80 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 9.23 ft. (Spring 2012: 10.08)

Depth to Well Bottom 28.0 ft.

Feet of Water in Well 18.77 ft. 0.65 gal/ft (4" diameter)

Calculated Volume of Water in Well 3.00 gal. 0.16 gal/ft (2" diameter)

3 Well Volumes 9.00 gal. 0.092 gal/ft (1.5" diameter)

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

\*From table due to presence of deidicated pump

Lock Type American

Key Number 65336

Number of Well Volumes Purged 3 (minimum 3.0)

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1410

Purge End Time 1446

Volume Purged 9 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Time: 1410 1420 1425 1430 1435 1440

STW (ft) 0 1 1 1/2 2 2 1/2 3

Temp (degrees C) 17.88 16.35 15.86 15.45 15.06 14.77

pH 6.03 5.92 5.78 5.77 5.67 5.73

COND (mS/cm) 0.124 0.111 0.111 0.110 0.110 0.111

DO (mg/L) 2.36 2.21 1.97 1.86 5.29 2.19

ORP (mV) 249 269 283 289 293 298

Turb. (NTU) ≤10 7.0 25.4 64.7 136 187 214

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1500

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: yellowish tint

Duplicate Collected?  Yes  No

Immiscible Liquid: None Number of Bottles Filled: 5

Comments \_\_\_\_\_

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-54

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/12/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 80 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 10.42 ft. (Spring 2013 9.67)  
Depth to Well Bottom 45.1 ft.  
Feet of Water in Well 34.68 ft.

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Pro casing

Datum:

\*From table due to presence of deicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1215  
Purge End Time 1230  
Volume Purged 1.5 gal.  
Well Evacuated?  Yes  No

## Time Series Data

Instrument:	<u>Horiba U-52</u>			
Calibrated:	Date <u>5/2/14</u>			
Time:	<u>1215</u>	<u>1220</u>	<u>1225</u>	<u>1230</u>
DTW(ft)	<u>10.42</u>	<u>10.42</u>	<u>10.42</u>	<u>10.42</u>
Temp (degrees C) ±1°	<u>20.66</u>	<u>18.37</u>	<u>18.13</u>	<u>18.11</u>
pH ±0.1	<u>6.31</u>	<u>5.98</u>	<u>5.95</u>	<u>5.98</u>
COND (mS/cm) ±5%	<u>0.167</u>	<u>0.160</u>	<u>0.158</u>	<u>0.156</u>
DO (mg/L)	<u>2.81</u>	<u>0.26</u>	<u>0.0</u>	<u>0.05</u>
ORP (mV)	<u>113</u>	<u>157</u>	<u>180</u>	<u>196</u>
Turb. (NTU) ≤10	<u>0.2</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1240

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 5

Comments Start CPMA 4 10/5

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

  
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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-55

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/6/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 83 °F

Casing: Diameter (inches) 2" (1.5")  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 13.25 ft. (range 12.88 - 14.84)  
Depth to Well Bottom 34.98 ft.  
Feet of Water in Well 21.73 ft. (range 20.14 - 22.1)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Pro casing

Datum:

\*From table due to presence of deicated pump

Lock Type American  
Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1515  
Purge End Time 1555  
Volume Purged 2 gal.  
Well Evacuated?  Yes  No

### Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Time:	<u>1515</u>	<u>1520</u>	<u>1525</u>	<u>1530</u>	<u>1535</u>	<u>1540</u>	<u>1545</u>	<u>1550</u>	<u>1555</u>
DTW(ft)	<u>13.25</u>								
Temp (degrees C) ±1°	<u>27.66</u>	<u>25.43</u>	<u>19.77</u>	<u>19.15</u>	<u>18.63</u>	<u>18.01</u>	<u>18.09</u>	<u>18.49</u>	<u>18.53</u>
pH ±0.1	<u>7.33</u>	<u>6.30</u>	<u>5.99</u>	<u>5.94</u>	<u>5.88</u>	<u>5.85</u>	<u>5.86</u>	<u>5.85</u>	<u>5.88</u>
COND (mS/cm) ±5%	<u>0.147</u>	<u>0.165</u>	<u>0.153</u>	<u>0.155</u>	<u>0.156</u>	<u>0.156</u>	<u>0.156</u>	<u>0.155</u>	<u>0.154</u>
DO (mg/L)	<u>6.43</u>	<u>6.98</u>	<u>0.0</u>						
ORP (mV)	<u>60</u>	<u>58</u>	<u>63</u>	<u>67</u>	<u>72</u>	<u>67</u>	<u>69</u>	<u>70</u>	<u>70</u>
Turb. (NTU) ≤10	<u>132</u>	<u>121</u>	<u>58.0</u>	<u>37.8</u>	<u>19.3</u>	<u>11.3</u>	<u>9.9</u>	<u>9.2</u>	<u>7.5</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1605

(Date above and time here should correspond with date and time on sample bottle)

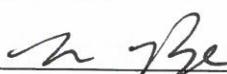
Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 5

Comments CPM 4 8/7

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

  
SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-56

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/6/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 85 °F

Casing: Diameter (inches) 2" / (1.5)  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 13.12 ft. (range 12.75 - 14.66)  
Depth to Well Bottom 55.92 ft.  
Feet of Water in Well 42.8 ft. (range 41.26 - 43.17)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Pro casing

Datum:

Lock Type American

\*From table due to presence of deicated pump

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1620

Purge End Time 1705

Volume Purged 2 gal.

Well Evacuated?  Yes  No

### Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Time: 1620 1625 1630 1635 1640 1645 1650 1655 1700 1705

DTW(ft) 13.12 13.12 13.12 13.12 13.12 13.12 13.12 13.12 13.12 13.12

Temp (degrees C) ±1° 22.29 19.70 19.51 19.45 19.57 19.80 19.33 19.20 19.15 19.21

pH ±0.1 5.95 5.75 5.71 5.70 5.70 5.69 5.71 5.71 5.68 5.69

COND (mS/cm) ±5% 0.141 0.146 0.145 0.145 0.147 0.149 0.149 0.149 0.148 0.148

DO (mg/L) 4.10 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

ORP (mV) 136 155 153 148 147 144 143 144 143 143

Turb. (NTU) ≤10 29.1 29.3 27.0 26.7 27.3 20.3 12.0 9.9 9.8 10.0

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1715

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No

Immiscible Liquid: None Number of Bottles Filled: 5

Comments Start CPM 4 8/7  
CPM 4 [11/4] to bring down turbidity

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-57

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/21/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 80+ °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 12.30 ft. (range 11.99 - 13.01)  
Depth to Well Bottom 49.85 ft.  
Feet of Water in Well 36.55 ft. (range 36.84 - 37.86)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Pro casing

Datum:

Lock Type American

\*From table due to presence of dedicated pump

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1145

Purge End Time 1210

Volume Purged ~0.8 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument:	Horiba U-52					
Calibrated:	Date <u>5/21/14</u> ~1200/min					
Time:	<u>11:45</u>	<u>11:50</u>	<u>11:55</u>	<u>12:00</u>	<u>12:05</u>	<u>12:10</u>
DTW(ft)	<u>12.30</u>	<u>12.35</u>	<u>12.35</u>	<u>12.35</u>	<u>12.25</u>	<u>12.35</u>
Temp (degrees C) ±1°	<u>20.1</u>	<u>19.63</u>	<u>19.59</u>	<u>19.39</u>	<u>19.38</u>	<u>19.38</u>
pH ±0.1	<u>6.44</u>	<u>6.41</u>	<u>6.41</u>	<u>6.40</u>	<u>6.40</u>	<u>6.40</u>
COND (mS/cm) ±5%	<u>0.229</u>	<u>0.227</u>	<u>0.223</u>	<u>0.223</u>	<u>0.223</u>	<u>0.223</u>
DO (mg/L)	<u>2.63</u>	<u>6.57</u>	<u>3.53</u>	<u>1.38</u>	<u>0.64</u>	<u>0.0</u>
ORP (mV)	<u>-88</u>	<u>-87</u>	<u>-88</u>	<u>-92</u>	<u>-87</u>	<u>-88</u>
Turb. (NTU) ≤10	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 12:15

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 5

Comments CPM 4 1015

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-58

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/6/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 65 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 12.69 ft. (range 12.37 - 13.73)  
Depth to Well Bottom 27.38 ft.  
Feet of Water in Well 14.69 ft. (range 13.65 - 15.01)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Procasing

Datum:

\*From table due to presence of deidicated pump

Lock Type American  
Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump  
Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon  
Purging Equipment:  Dedicated  Disposable  Field Cleaned

Other: \_\_\_\_\_  
Other: \_\_\_\_\_  
Other: \_\_\_\_\_

### Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Time: 0850 0855 0900 0905 0910 0915

DTW(ft) 12.69 12.72 12.72 12.72 12.72 12.72

Temp (degrees C) ±1° 16.74 16.52 16.62 16.52 16.52 16.68

pH ±0.1 5.90 5.96 5.90 5.94 5.92 5.92

COND (mS/cm) ±5% 0.296 0.273 0.269 0.289 0.268 0.269

DO (mg/L) 3.54 1.49 1.13 0.82 0.65 0.54

ORP (mV) 237 211 201 196 193 192

Turb. (NTU) ≤10 0.0 0.0 0.0 0.0 0.0 0.0

Purge Start Time 0850  
Purge End Time 0915  
Volume Purged 1.5 gal.  
Well Evacuated?  Yes  No

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 0925  
(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid  
Immiscible Liquid: None Color: \_\_\_\_\_

Duplicate Collected?  Yes  No  
Number of Bottles Filled: 5

Comments CPM 4 10/5

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-59

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GKP

Date: 5/6/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 65 °F

Casing: Diameter (inches) 2" (1.5")  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 12.95 ft. (range 12.52 - 13.90)  
Depth to Well Bottom 50.11 ft.  
Feet of Water in Well 37.16 ft. (range 36.21 - 37.59)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Pro casing

Datum:

\*From table due to presence of deicated pump

Lock Type American  
Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump  
Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon  
Purging Equipment:  Dedicated  Disposable  Field Cleaned

Other: \_\_\_\_\_  
Other: \_\_\_\_\_  
Other: \_\_\_\_\_

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Time:

0820 0825 0830 0835 0840 0845 0850 0855 0900

DTW(ft)

12.95 12.95 12.95 12.95 12.98 12.98 12.98 12.98 12.98

Temp (degrees C) ±1°

16.37 16.73 16.90 17.01 17.06 15.96 15.85 15.82 15.85

pH ±0.1

6.06 6.19 6.25 6.27 6.29 6.18 6.15 6.14 6.14

COND (mS/cm) ±5%

0.268 0.277 0.286 0.280 0.266 0.245 0.229 0.228 0.228

DO (mg/L)

4.6 0.92 0.53 0.46 0.70 0.17 0.14 0.0 0.0

ORP (mV)

54 29 31 32 31 55 92 116 139

Turb. (NTU) ≤10

11.7 10.9 8.6 8.1 7.3 2.8 1.6 0.8 0.6

Purge Start Time 0820

Purge End Time 0900

Volume Purged 1.5 gal.

Well Evacuated?  Yes  No

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 0910

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid  
Immiscible Liquid: None Color: \_\_\_\_\_

Duplicate Collected?  Yes  No  
Number of Bottles Filled: 5

Comments Start CPM 4 10/5

~~Change to 11/4~~

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: RT-1

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/8/14

TASK: Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 68 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 12.38 ft. (Spring 2013: 12.26)  
Depth to Well Bottom 22.38 ft.  
Feet of Water in Well 10.0 ft. 0.65 gal/ft (4" diameter)  
Calculated Volume of Water in Well 1.6 gal. 0.16 gal/ft (2" diameter)  
3 Well Volumes 4.8 gal. 0.092 gal/ft (1.5" diameter)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American  
Key Number 65336

\*From table due to presence of deidicated pump

Number of Well Volumes Purged 3.12 (minimum 3.0)

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 0845  
Purge End Time 0859  
Volume Purged 5 gal.  
Well Evacuated?  Yes  No

## Time Series Data

Instrument:	<u>Horiba U-52</u>			
Calibrated:	Date <u>5/2/14</u>			
Time:	<u>0845</u>	<u>0850</u>	<u>0855</u>	<u>0859</u>
<del>DTW (#)</del> Well Volume	<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>
Temp (degrees C)	<u>17.16</u>	<u>16.65</u>	<u>16.91</u>	<u>16.58</u>
pH	<u>6.54</u>	<u>6.12</u>	<u>5.93</u>	<u>5.90</u>
COND (mS/cm)	<u>0.596</u>	<u>0.436</u>	<u>0.390</u>	<u>0.382</u>
DO (mg/L)	<u>2.18</u>	<u>1.81</u>	<u>1.28</u>	<u>1.52</u>
ORP (mV)	<u>194</u>	<u>218</u>	<u>229</u>	<u>232</u>
Turb. (NTU) ≤10	<u>12.0</u>	<u>107</u>	<u>85.7</u>	<u>68.3</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1100

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 5

Comments \_\_\_\_\_  
\_\_\_\_\_  
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THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

  
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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: RT-2

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GKP

Date: 5/8/14

TASK: Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 85+ °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 12.20 ft. (Spring 2013: 12.11)

Depth to Well Bottom 22.05 ft. → (as per 18' (clude))

Feet of Water in Well 9.85 ft. 0.65 gal/ft (4" diameter)

Calculated Volume of Water in Well ~1.6 gal. 0.16 gal/ft (2" diameter)

3 Well Volumes ~4.8 gal. 0.092 gal/ft (1.5" diameter)

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

\*From table due to presence of deidicated pump

Key Number 65336

Number of Well Volumes Purged 3(+) (minimum 3.0)

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 0830

Purge End Time 0855

Volume Purged 5.0 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

DNV 122' @ 0855

Time: 0830 0835 0840 0845 0850 0855

DTW (ft) (gal =) 12.20 [1.5] [2.25] [3.0] [4.0] [5.0]

Temp (degrees C) 18.18 17.90 17.70 17.78 17.65 17.70

pH 6.18 6.01 5.95 5.94 5.88 5.90

COND (mS/cm) 0.543 0.580 0.583 0.585 0.580 0.578

DO (mg/L) 2.56 1.31 1.53 1.46 1.14 1.29

ORP (mV) +208 +213 +216 216 220 222

Turb. (NTU) ≤10 0.0 94.4 271 200 113 89.6

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1030

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid

Color: sl. grayish

Duplicate Collected?  Yes  No

Immiscible Liquid: None

Number of Bottles Filled: 12

Comments \* well only opens to 75' (~15.1') - hitting solid, but no recognizable plastic sand - it bkn @ 18', then 3' may be bailer (?) - slightly turbid/cloudy

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

M. K. P. L.

SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: RT-4

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GKP

Date: 5/8/14

TASK: Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 65 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 12.33 ft. (Spring 2013: 14.12)

Depth to Well Bottom 22.04 ft.

Feet of Water in Well 9.71 ft. 0.65 gal/ft (4" diameter)

Calculated Volume of Water in Well ~1.6 gal. 0.16 gal/ft (2" diameter)

3 Well Volumes 9.71 gal. 0.092 gal/ft (1.5" diameter)

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

\*From table due to presence of deidicated pump

Lock Type American

Key Number 65336

Number of Well Volumes Purged 1 (minimum 3.0)

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 0740

Purge End Time 0750

Volume Purged 1.5 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52 B194478

Calibrated: Date 5/2/14

Time: 0740 0750

DTW (ft) [9.71] 12.33 [1.5]

Temp (degrees C) 17.98 17.94

pH 6.07 6.58

COND (mS/cm) 0.534 0.448

DO (mg/L) 3.48

ORP (mV) +175 +150

Turb. (NTU) ≤10 0.0 69.2

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1000

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid

Color: lt. brown

Duplicate Collected?  Yes  No

Immiscible Liquid: None

Number of Bottles Filled: 6

Comments & Purged dry @ ~1 1/2 gals - solid bottom, on glassy purge H<sub>2</sub>O clear

(Bottom @ ~22.23 ft)

very slightly turbid - brownish

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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WELL DATA

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: RT-5

PROJECT: Grenada Main Plant PERSONNEL: LHP/GKP

Date: 5/18/14

TASK: Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 65 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 11.9 ft. (Spring 2013: 12.01)  
Depth to Well Bottom 19.6 ft.  
Feet of Water in Well 7.7 ft. 0.65 gal/ft (4" diameter)  
Calculated Volume of Water in Well 1.23 gal. 0.16 gal/ft (2" diameter)  
3 Well Volumes 3.69 gal. 0.092 gal/ft (1.5" diameter)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Pro casing

Datum:

\*From table due to presence of deicated pump

Lock Type American  
Key Number 65336

Number of Well Volumes Purged 3.25 (minimum 3.0)

Purge Method:  Peristaltic  Bailer  Sub Pump

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 0735  
Purge End Time 0755  
Volume Purged 4 gal.  
Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 5/2/14

Time: 0735 0740 0750 0755

Well Volume  
DTW (ft)

0 1 2 3 4 5

Temp (degrees C) 17.11 16.82 16.89 16.84

pH 6.38 6.41 6.30 6.25

COND (mS/cm) 0.315 0.284 0.279 0.275

DO (mg/L) 5.90 3.00 1.65 1.54

ORP (mV) 234 230 230 228

Turb. (NTU) ≤10 20.4 64.9 61.9 44.4

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 0930

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid

Color: yellowish

Duplicate Collected?  Yes  No

Immiscible Liquid: None

Number of Bottles Filled: 15

Comments MS/MSD collected here

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SIGNATURE

WELL DATA

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# SURFACE WATER SAMPLING FIELD DATA

SAMPLING LOCATION: SW-17

PROJECT: Grenada Main Plant  
TASK: Surface Water Sampling

PERSONNEL: LHP/GKP

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  
 Snow  Windy

Temperature: 85 °F

Other: \_\_\_\_\_

Date: 5/8/14 Time: 1310  
(Date and time should correspond with time on sample bottle)

Field Parameter Data		
Instruments:	<u>Horiba</u>	
Calibrated:	Date	<u>5/2/14</u>
	Time	<u>1305 1310</u>
	Temp	<u>24.71 25.68</u>
	pH	<u>7.02 7.03</u>
	COND (mS/cm)	<u>0.243 0.254</u>
	DO	<u>9.08 6.77</u>
	ORP	<u>36 48</u>
	Turb. (NTU)	<u>1.9 0.4</u>

Sampling Method:  Dipper  Bailer  
Other: \_\_\_\_\_

Materials:  Grab Sampler  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Sampling Equipment:  Dedicated  Disposable  Field Cleaned  
Metals Field Filtered?  Yes  No  
Filtering Method: \_\_\_\_\_  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: \_\_\_\_\_ Number of Bottles Filled: 5

Comments 1305 - horiba in stream  
1310 - horiba in cap  
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THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# SURFACE WATER SAMPLING FIELD DATA

SAMPLING LOCATION: SW-9

PROJECT: Grenada Main Plant  
TASK: Surface Water Sampling

PERSONNEL: LHP/GKP

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  
 Snow  Windy

Temperature: 87 °F

Other: \_\_\_\_\_

Date: 5/8/14 Time: 1350  
(Date and time should correspond with time on sample bottle)

Field Parameter Data	
Instruments:	<u>Horiba</u>
Calibrated: Date	<u>5/2/14</u>
Time	<u>1345 1350</u>
Temp	<u>25.47 26.5</u>
pH	<u>7.34 7.22</u>
COND (mS/cm)	<u>0.250 0.253</u>
DO	<u>8.70 5.12</u>
ORP	<u>28 82</u>
Turb. (NTU)	<u>0.0 0.0</u>

Sampling Method:  Dipper  Bailer  
Other: \_\_\_\_\_

Materials:  Grab Sampler  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Sampling Equipment:  Dedicated  Disposable  Field Cleaned  
Metals Field Filtered?  Yes  No  
Filtering Method: \_\_\_\_\_  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: \_\_\_\_\_ Number of Bottles Filled: 5

Comments 1345 - in stream  
1350 - in cup

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# SURFACE WATER SAMPLING FIELD DATA

SAMPLING LOCATION: SW-19

PROJECT: Grenada Main Plant  
TASK: Surface Water Sampling

PERSONNEL: LHP/GKP

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy  
Temperature: 90 °F

Other: \_\_\_\_\_

Date: 5/8/14 Time: 195  
(Date and time should correspond with time on sample bottle)

Field Parameter Data		
Instruments:	<u>Hanna</u>	
Calibrated: Date	<u>5/8/14</u>	
Time	<u>1508</u>	<u>1513</u>
Temp	<u>26.24</u>	<u>24.67</u>
pH	<u>7.37</u>	<u>7.48</u>
COND (mS/cm)	<u>0.238</u>	<u>0.235</u>
DO	<u>7.40</u>	<u>6.41</u>
ORP	<u>162</u>	<u>165</u>
Turb. (NTU)	<u>0.0</u>	<u>48.4</u>

Sampling Method:  Dipper  Bailer  
Other: \_\_\_\_\_

Materials:  Grab Sampler  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Sampling Equipment:  Dedicated  Disposable  Field Cleaned  
Metals Field Filtered?  Yes  No  
Filtering Method: \_\_\_\_\_  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: \_\_\_\_\_ Number of Bottles Filled: 10

Comments 1508 - In Stream  
1513 - In cup

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# SURFACE WATER SAMPLING FIELD DATA

SAMPLING LOCATION: SW-12

PROJECT: Grenada Main Plant  
TASK: Surface Water Sampling

PERSONNEL: LHP/GKP

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy  
Temperature: 90 °F

Other: \_\_\_\_\_

Date: 5/8/14 Time: 1540  
(Date and time should correspond with time on sample bottle)

Field Parameter Data	
Instruments:	<u>Horiba</u>
Calibrated: Date	<u>5/2/14</u>
Time	<u>1535 1537</u>
Temp	<u>23.49 23.95</u>
pH	<u>7.37 6.95</u>
COND (mS/cm)	<u>0.228 0.230</u>
DO	<u>7.82 4.22</u>
ORP	<u>1478 84</u>
Turb. (NTU)	<u>0.0 0.0</u>

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Sampling Method:  Dipper  Bailer  
Other: \_\_\_\_\_

Materials:  Grab Sampler  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Sampling Equipment:  Dedicated  Disposable  Field Cleaned  
Metals Field Filtered?  Yes  No  
Filtering Method: \_\_\_\_\_  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: \_\_\_\_\_ Number of Bottles Filled: 13

Comments 1535. in stream  
1537. in cup  
MS/MSD collected

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# SURFACE WATER SAMPLING FIELD DATA

SAMPLING LOCATION: SW-22

PROJECT: Grenada Main Plant  
TASK: Surface Water Sampling

PERSONNEL: LHP/GKP

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  
 Snow  Windy

Temperature: 85 °F

Other: \_\_\_\_\_

Date: 5/8/14 Time: 1605  
(Date and time should correspond with time on sample bottle)

Field Parameter Data		
Instruments:	<u>Horiba</u>	
Calibrated: Date	<u>5/2/14</u>	
Time	<u>1600</u>	<u>1605</u>
Temp	<u>24.01</u>	<u>23.98</u>
pH	<u>6.93</u>	<u>6.97</u>
COND (mS/cm)	<u>0.229</u>	<u>0.229</u>
DO	<u>4.38</u>	
ORP	<u>159</u>	<u>167</u>
Turb. (NTU)	<u>0.0</u>	<u>0.0</u>

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Sampling Method:  Dipper  Bailer  
Other: \_\_\_\_\_

Materials:  Grab Sampler  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Sampling Equipment:  Dedicated  Disposable  Field Cleaned  
Metals Field Filtered?  Yes  No

Filtering Method: \_\_\_\_\_  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: \_\_\_\_\_ Number of Bottles Filled: \_\_\_\_\_

Comments 1600 - in stream  
1605 - in cup

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# SEDIMENT SAMPLING FIELD DATA

SAMPLING LOCATION: SD-17

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GKP

TASK: Sediment Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  
 Snow  Windy

Temperature: 85 °F

Other: \_\_\_\_\_

Date: 5/8/14 Time: 1315  
(Date and time should correspond with time on sample bottle)

Sampling Method:  Dipper  SS Spoon  shovel  
Other: \_\_\_\_\_

Materials: Grab Sampler  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

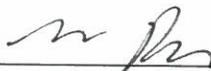
Duplicate Collected?  Yes  No

Number of Jars Filled: 2

Comments \_\_\_\_\_  
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THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

  
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5/8/14  
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# SEDIMENT SAMPLING FIELD DATA

SAMPLING LOCATION: SD-9

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GKP

TASK: Sediment Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  
 Snow  Windy

Temperature: 87 °F

Other: \_\_\_\_\_

Date: 5/8/14 Time: 1400  
(Date and time should correspond with time on sample bottle)

Sampling Method:  Dipper  SS Spoon  shovel  
Other: \_\_\_\_\_

Materials: Grab Sampler  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Duplicate Collected?  Yes  No

Number of Jars Filled: 2

Comments \_\_\_\_\_  
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# SEDIMENT SAMPLING FIELD DATA

SAMPLING LOCATION: SD-4

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GKP

TASK: Sediment Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  
 Snow  Windy

Temperature: 90 °F

Other: \_\_\_\_\_

Date: 5/8/14 Time: 1520  
(Date and time should correspond with time on sample bottle)

Sampling Method:  Dipper  SS Spoon  shovel  
Other: \_\_\_\_\_

Materials: Grab Sampler  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Duplicate Collected?  Yes  No

Number of Jars Filled: 4

Comments FD-04-SD-2014S → Duplicate collected  
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THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

[Signature]  
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# SEDIMENT SAMPLING FIELD DATA

SAMPLING LOCATION: SD-12

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GKP

TASK: Sediment Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  
 Snow  Windy

Temperature: 90 °F

Other: \_\_\_\_\_

Date: 5/8/14 Time: 1545  
(Date and time should correspond with time on sample bottle)

Sampling Method:  Dipper  SS Spoon  Shovel  
Other: \_\_\_\_\_

Materials: Grab Sampler  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Duplicate Collected?  Yes  No

Number of Jars Filled: 5

Comments MS/MSD collected  
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THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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5/8/14  
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# SEDIMENT SAMPLING FIELD DATA

SAMPLING LOCATION: SD-7

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GKP

TASK: Sediment Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  
 Snow  Windy

Temperature: 85 °F

Other: \_\_\_\_\_

Date: \_\_\_\_\_ Time: 1610  
(Date and time should correspond with time on sample bottle)

Sampling Method:  Dipper  SS Spoon  Shovel  
Other: \_\_\_\_\_

Materials:  Grab Sampler  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Duplicate Collected?  Yes  No

Number of Jars Filled: 2

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THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE

5/8/14  
DATE



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-14

PROJECT: Grenada Main Plant PERSONNEL: LHP/GWF

Date: 11/6/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 64 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 17.38 ft. (range 16.03 - 17.71)  
Depth to Well Bottom 27.23 ft.  
Feet of Water in Well 9.85 ft. (range 9.52 - 11.2)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval: 10 ft

Measurement  Top of Inner Casing  Procasing

Datum:

\*From table due to presence of deidicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_  
Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_  
Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_  
Purging Equipment:  Dedicated  Disposable  Field Cleaned

## Time Series Data

Purge Start Time 1405  
Purge End Time 1445  
Volume Purged 1.75 gal.  
Well Evacuated?  Yes  No

Instrument:	Horiba U-52							
Calibrated:	Date <u>10/31/14</u>							
Time:	<u>1410</u>	<u>1415</u>	<u>1420</u>	<u>1425</u>	<u>1430</u>	<u>1435</u>	<u>1440</u>	<u>1445</u>
DTW(ft)	<u>17.38</u>	<u>17.38</u>	<u>17.38</u>	<u>17.38</u>	<u>17.38</u>	<u>17.38</u>	<u>17.38</u>	<u>17.38</u>
Temp (degrees C) ±1°	<u>18.70</u>	<u>18.30</u>	<u>18.12</u>	<u>18.03</u>	<u>17.94</u>	<u>17.96</u>	<u>17.98</u>	<u>17.98</u>
pH ±0.1	<u>9.85</u>	<u>8.11</u>	<u>7.02</u>	<u>6.52</u>	<u>6.30</u>	<u>6.15</u>	<u>6.11</u>	<u>6.09</u>
COND (mS/cm) ±5%	<u>0.283</u>	<u>0.289</u>	<u>0.286</u>	<u>0.284</u>	<u>0.284</u>	<u>0.283</u>	<u>0.282</u>	<u>0.282</u>
DO (mg/L)	<u>6.88</u>	<u>1.64</u>	<u>0.85</u>	<u>0.31</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
ORP (mV)	<u>210</u>	<u>224</u>	<u>249</u>	<u>256</u>	<u>254</u>	<u>254</u>	<u>254</u>	<u>253</u>
Turb. (NTU) ≤10	<u>23.9</u>	<u>27.4</u>	<u>5.3</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1450  
(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon  
Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 5

Comments CPM 4: 10/5 Throttle ~35-40

  
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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-41

PROJECT: Grenada Main Plant PERSONNEL: LHP/GWF

Date: 11/06/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 70 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 15.30 ft. (range 12.74 - 15.6)  
Depth to Well Bottom 27.2 ft.  
Feet of Water in Well 11.9 ft. (range 11.6 - 14.46)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

\*From table due to presence of deidicated pump

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump  
Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon  
Purging Equipment:  Dedicated  Disposable  Field Cleaned

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Other: \_\_\_\_\_

Purge Start Time 1335  
Purge End Time 1355  
Volume Purged 1.5 gal.  
Well Evacuated?  Yes  No

## Time Series Data

Instrument:	<u>Horiba U-52</u>			
Calibrated:	Date <u>11/06/14</u>			
Time:	<u>1340</u>	<u>1345</u>	<u>1350</u>	<u>1355</u>
DTW(ft)	<u>15.30</u>	<u>15.30</u>	<u>15.30</u>	<u>15.30</u>
Temp (degrees C) ±1°	<u>20.05</u>	<u>19.63</u>	<u>19.48</u>	<u>19.29</u>
pH ±0.1	<u>9.80</u>	<u>10.03</u>	<u>10.03</u>	<u>10.03</u>
COND (mS/cm) ±5%	<u>0.265</u>	<u>0.261</u>	<u>0.261</u>	<u>0.262</u>
DO (mg/L)	<u>1.55</u>	<u>0.61</u>	<u>0.40</u>	<u>0.36</u>
ORP (mV)	<u>-96</u>	<u>-161</u>	<u>-166</u>	<u>-160</u>
Turb. (NTU) ≤10	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 1400  
(Date above and time here should correspond with date and time on sample bottle)  
Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon  
Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron  
Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 5

Comments CPM4 10/5 @ throttle of 50'

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-42

PROJECT: Grenada Main Plant PERSONNEL: LHP/GWF

Date: 11/06/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 70 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 15.60 ft. (range 13.17 - 16.02)

Depth to Well Bottom 50.51 ft.

Feet of Water in Well 34.91 ft. (range 34.49 - 37.34)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

\*From table due to presence of deidicated pump

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1405

Purge End Time 1425

Volume Purged 6.75 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 11/06/14

Time: 1410 1415 1420 1425

DTW(ft) 15.60 15.60 15.60 15.60

Temp (degrees C) ±1° 18.96 18.48 18.44 18.37

pH ±0.1 7.13 6.71 6.72 6.71

COND (mS/cm) ±5% 0.327 0.313 0.319 0.322

DO (mg/L) 1.26 0.32 0.22 0.14

ORP (mV) -84 -48 -40 -36

Turb. (NTU) ≤10 2.0 0.0 0.0 0.0

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1430

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_

Duplicate Collected?  Yes  No

Number of Bottles Filled: 5

Comments CMY 10/5 @ throttle of 70'

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-43

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GWF

Date: 11/6/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 63 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 14.99 ft. (range 10.99 - 15.26)

Depth to Well Bottom 24.35 ft.

Feet of Water in Well 9.34 ft. (range 9.09 - 13.36)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

\*From table due to presence of deicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1215

Purge End Time 1240

Volume Purged 1.5 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 10/31/14

Time: 1220 1225 1230 1235 1240

DTW(ft) 14.99 14.99 14.99 14.99 14.99

Temp (degrees C) ±1° 21.20 20.57 20.61 20.69 20.67

pH ±0.1 8.59 9.89 10.07 10.10 10.13

COND (mS/cm) ±5% 6.345 0.382 0.382 0.381 0.385

DO (mg/L) 2.48 0.25 0.00 0.00 0.00

ORP (mV) 12 -35 -43 -44 -46

Turb. (NTU) ≤10 0.0 0.0 0.0 0.0 0.0

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1245

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_  
Immiscible Liquid: None

Duplicate Collected?  Yes  No  
Number of Bottles Filled: 10

Comments Start CPM 4: 10/5  
FD-201-2014-F collected here

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-44

PROJECT: Grenada Main Plant PERSONNEL: LHP/GWF

Date: 11/6/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 63 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 14.30 ft. (range 10.36 - 16.56)

Depth to Well Bottom 46.1 ft.

Feet of Water in Well ~~31.8~~ ft. (range 29.54 - 35.74)

31.8

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

\*From table due to presence of deidicated pump

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1300

Purge End Time 1337

Volume Purged 1.75 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 10/31/14

Time:	<u>1307</u>	<u>1312</u>	<u>1317</u>	<u>1322</u>	<u>1327</u>	<u>1332</u>	<u>1337</u>
DTW(ft)	<u>14.3</u>	<u>14.30</u>	<u>14.30</u>	<u>14.30</u>	<u>14.30</u>	<u>14.30</u>	<u>14.30</u>
Temp (degrees C) ±1°	<u>23.34</u>	<u>22.02</u>	<u>21.49</u>	<u>20.76</u>	<u>20.58</u>	<u>20.61</u>	<u>20.57</u>
pH ±0.1	<u>9.90</u>	<u>10.01</u>	<u>10.29</u>	<u>10.46</u>	<u>10.52</u>	<u>10.55</u>	<u>10.58</u>
COND (mS/cm) ±5%	<u>0.275</u>	<u>0.283</u>	<u>0.289</u>	<u>0.295</u>	<u>0.296</u>	<u>0.299</u>	<u>0.300</u>
DO (mg/L)	<u>3.48</u>	<u>2.35</u>	<u>1.70</u>	<u>1.10</u>	<u>2.08</u>	<u>1.73</u>	<u>1.60</u>
ORP (mV)	<u>108</u>	<u>85</u>	<u>80</u>	<u>83</u>	<u>86</u>	<u>87</u>	<u>88</u>
Turb. (NTU) ≤10	<u>0.0</u>	<u>0.0</u>	<u>9.8</u>	<u>23.2</u>	<u>8.9</u>	<u>4.5</u>	<u>4.7</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1345

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid

Duplicate Collected?  Yes  No

Immiscible Liquid: None

Number of Bottles Filled: 5

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-45

PROJECT: Grenada Main Plant PERSONNEL: LHP/GWF

Date: 11/06/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 60 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 16.65 ft. (range 8.6 - 12.30)

Depth to Well Bottom 27.57 ft.

Feet of Water in Well 16.42 ft. (range 15.27 - 18.97)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

\*From table due to presence of deidicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1056

Purge End Time 1120

Volume Purged 1.75 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 11/06/14

Time:	<u>1100</u>	<u>1105</u>	<u>1110</u>	<u>1115</u>	<u>1120</u>
DTW(ft)	<u>11.15</u>	<u>11.15</u>	<u>11.15</u>	<u>11.15</u>	<u>11.15</u>
Temp (degrees C) ±1°	<u>18.68</u>	<u>18.02</u>	<u>17.96</u>	<u>17.95</u>	<u>17.95</u>
pH ±0.1	<u>6.04</u>	<u>6.02</u>	<u>6.06</u>	<u>6.07</u>	<u>6.07</u>
COND (mS/cm) ±5%	<u>0.664</u>	<u>0.674</u>	<u>0.640</u>	<u>0.636</u>	<u>0.628</u>
DO (mg/L)	<u>1.92</u>	<u>0.41</u>	<u>0.20</u>	<u>0.15</u>	<u>0.11</u>
ORP (mV)	<u>64</u>	<u>76</u>	<u>79</u>	<u>83</u>	<u>86</u>
Turb. (NTU) ≤10	<u>2.2</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1125  
(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_

Duplicate Collected?  Yes  No

Immiscible Liquid: None

Number of Bottles Filled: 6

Comments CPM 1/5 e throttle of 50'

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-46

PROJECT: Grenada Main Plant PERSONNEL: LHP/GWF

Date: 11/06/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 60 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 10.90 ft. (range 8.6 - 12.13)

Depth to Well Bottom 48.85 ft.

Feet of Water in Well 37.95 ft. (range 36.72 - 40.25)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

\*From table due to presence of deidicated pump

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1135

Purge End Time 1155

Volume Purged 1.5 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 11/06/14

Time: 1140 1145 1150 1155

DTW(ft) 10.90 10.90 10.90 10.90

Temp (degrees C) ±1° 18.27 18.19 18.20 18.28

pH ±0.1 6.23 6.24 6.24 6.24

COND (mS/cm) ±5% 0.426 0.418 0.413 0.409

DO (mg/L) 0.85 0.36 0.14 0.04

ORP (mV) 102 81 69 59

Turb. (NTU) ≤10 11.5 9.7 7.1 5.9

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1200

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_

Duplicate Collected?  Yes  No

Immiscible Liquid: None

Number of Bottles Filled: 1

Comments CPM4 10/5 @ throttle of 70'

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-47

PROJECT: Grenada Main Plant PERSONNEL: LHP/GWF

Date: 11/06/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 55 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 14.50 ft. (range 10.9 - 15.02)

Depth to Well Bottom 27.68 ft.

Feet of Water in Well 13.18 ft. (range 12.66 - 16.78)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

\*From table due to presence of deidicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 0953

Purge End Time 1010

Volume Purged 1.5 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 11/06/14

Time: 0955 1000 1005 1010

DTW(ft) 14.50 14.48 14.46 14.48

Temp (degrees C) ±1° 17.40 17.51 17.51 17.56

pH ±0.1 6.99 7.18 7.21 7.21

COND (mS/cm) ±5% 0.118 0.111 0.111 0.111

DO (mg/L) 0.79 0.18 0.13 0.12

ORP (mV) -63 -90 -107 -113

Turb. (NTU) ≤10 5.9 1.1 0.7 1.3

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1015  
(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_

Duplicate Collected?  Yes  No  
Number of Bottles Filled: 5

Comments CPM4 10/5 e throttle of 50'

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-48

PROJECT: Grenada Main Plant PERSONNEL: LHP/GWF

Date: 11/06/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 55 °F

Casing: Diameter (inches) 2" / 1.5"  
Type:  Stainless Steel  PVC  
Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 13.80 ft. (range 10.36 - 14.87)  
Depth to Well Bottom 52.6 ft.  
Feet of Water in Well 38.8 ft. (range 37.73 - 42.24)

Is well in good condition?  Yes  No  
Is well visible?  Yes  No  
Is well accessible?  Yes  No  
Is drainage acceptable?  Yes  No  
Is well labeled?  Yes  No  
Is well locked?  Yes  No  
Concrete pad in good condition?  Yes  No

Screen Interval 10 ft

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

Key Number 65336

\*From table due to presence of deidicated pump

Purge Method:  Peristaltic  Bailer  Sub Pump Other: \_\_\_\_\_  
Materials: Bailer/Pump  Teflon  SS  PVC  PE Other: \_\_\_\_\_  
Cord/Tubing  Teflon  Polyethylene  Nylon Other: \_\_\_\_\_  
Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 0920  
Purge End Time 0947  
Volume Purged 1.5 gal.  
Well Evacuated?  Yes  No

## Time Series Data

Instrument:	<u>Horiba U-52</u>				
Calibrated:	Date <u>11/06/14</u>				
Time:	<u>0927</u>	<u>0927</u>	<u>0932</u>	<u>0937</u>	<u>0947</u>
DTW(ft)	<u>13.80</u>	<u>13.80</u>	<u>13.80</u>	<u>13.80</u>	<u>13.80</u>
Temp (degrees C) ±1°	<u>15.66</u>	<u>16.20</u>	<u>16.36</u>	<u>16.42</u>	<u>16.46</u>
pH ±0.1	<u>6.46</u>	<u>6.52</u>	<u>6.54</u>	<u>6.55</u>	<u>6.56</u>
COND (mS/cm) ±5%	<u>0.255</u>	<u>0.284</u>	<u>0.284</u>	<u>0.287</u>	<u>0.288</u>
DO (mg/L)	<u>10.20</u>	<u>9.01</u>	<u>8.32</u>	<u>0.78</u>	<u>0.77</u>
ORP (mV)	<u>109</u>	<u>-16</u>	<u>-32</u>	<u>-46</u>	<u>-50</u>
Turb. (NTU) ≤10	<u>12.6</u>	<u>8.4</u>	<u>6.6</u>	<u>4.2</u>	<u>2.0</u>

Sampling Method:  Peristaltic  Bailer  Sub Pump Sample Time: 0947  
(Date above and time here should correspond with date and time on sample bottle)  
Materials: Bailer/Pump  Teflon  SS  PVC  PE  
Cord/Tubing  Teflon  Polyethylene  Nylon  
Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micron  
Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Immiscible Liquid: None Number of Bottles Filled: 5

Comments CPM4 10/5 e throttle of 70'

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-49

PROJECT: Grenada Main Plant PERSONNEL: LHP/GWF

Date: 11/6/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 60 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 13.15 ft. (range 9.39 - 13.93)

Depth to Well Bottom 48.0 ft.

Feet of Water in Well 34.85 ft. (range 34.07 - 38.61)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

Key Number 65336

\*From table due to presence of deicated pump

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 0935

Purge End Time 1020

Volume Purged 1.75 gal.

Well Evacuated?  Yes  No

### Time Series Data

Instrument: Horiba U-52

Calibrated: Date 10/31/14

Time: 0940 0945 0950 0955 1000 1005 1010 1015 1020

DTW(ft) 13.15 13.15 13.15 13.15 13.15 13.15 13.15 13.15 13.15

Temp (degrees C) ±1° 18.18 17.98 18.03 18.19 18.27 18.32 18.33 18.43 18.44

pH ±0.1 6.03 6.97 7.76 8.23 8.42 8.60 8.74 8.78 8.78

COND (mS/cm) ±5% 0.232 0.246 0.247 0.245 0.243 0.241 0.237 0.235 0.234

DO (mg/L) 5.12 2.14 1.30 0.83 0.63 0.32 0.06 0.00 0.00

ORP (mV) 326 246 208 190 180 156 125 84 68

Turb. (NTU) ≤10 2.3 2.4 2.2 2.9 2.4 1.1 2.0 3.1 2.9

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1025

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_

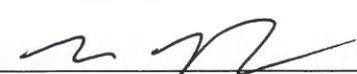
Duplicate Collected?  Yes  No

Immiscible Liquid: None

Number of Bottles Filled: 5

Comments \_\_\_\_\_  
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THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

  
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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-50PROJECT: Grenada Main PlantPERSONNEL: LHP/GWFDate: 11/6/14TASK: PRB Area Groundwater SamplingWeather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  WindyTemperature: 60 °FCasing: Diameter (inches) 2" / 1.5"Type:  Stainless Steel  PVCIntake Screen:  Stainless Steel  PVCDepth to Static Water Level 13.29 ft. (range 9.49 - 14.14)Depth to Well Bottom 24.03 ft.Feet of Water in Well 10.74 ft. (range 9.89 - 14.54)Screen Interval 10 ftIs well in good condition?  Yes  NoIs well visible?  Yes  NoIs well accessible?  Yes  NoIs drainage acceptable?  Yes  NoIs well labeled?  Yes  NoIs well locked?  Yes  NoConcrete pad in good condition?  Yes  NoMeasurement  Top of Inner Casing  Procasing

Datum:

Lock Type AmericanKey Number 65336

\*From table due to presence of deidicated pump

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field CleanedPurge Start Time 1110Purge End Time 1150Volume Purged 1.75 gal.Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52Calibrated: Date 10/31/14Time: 1115 1120 1125 1130 1135 1140 1145 1150DTW(ft) 13.29 13.29 13.29 13.29 13.29 13.29 13.29 13.29Temp (degrees C) ±1° 21.05 20.33 20.15 20.22 20.14 20.18 20.19 20.20pH ±0.1 8.46 8.71 8.28 7.79 7.57 7.52 7.52 7.51COND (mS/cm) ±5% 0.486 0.445 0.438 0.447 0.459 0.473 0.476 0.476DO (mg/L) 3.78 1.87 0.66 0.29 0.00 0.00 0.00 0.00ORP (mV) 260 219 2 8 -23 -30 -34 -37Turb. (NTU) ≤10 8.7 1.0 0.0 0.0 0.0 0.0 0.0 0.0Sampling Method:  Peristaltic  Bailer  Sub PumpSample Time: 1155

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PECord/Tubing  Teflon  Polyethylene  NylonSampling Equipment:  Dedicated  Disposable  Field CleanedMetals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid

Color: \_\_\_\_\_

Duplicate Collected?  Yes  NoImmiscible Liquid: NoneNumber of Bottles Filled: 5Comments Start: CPM 3 - 11/9  
SIGNATURE

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-51

PROJECT: Grenada Main Plant PERSONNEL: LHP/GWF

Date: 11/06/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 55 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 11.65 ft. (range 9.09 - 13.34)

Depth to Well Bottom 27.8 ft.

Feet of Water in Well 16.15 ft. (range 14.46 - 18.71)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Pro casing

Datum:

Lock Type American

Key Number 65336

\*From table due to presence of deidicated pump

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 0815

Purge End Time 0835

Volume Purged 1.5 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 11/06/14

Time: 0820 0825 0830 0835

DTW(ft) 11.75 11.75 11.75 11.75

Temp (degrees C) ±1° 15.41 15.52 15.53 15.48

pH ±0.1 5.38 5.80 5.78 5.77

COND (mS/cm) ±5% 0.000 0.164 0.164 0.164

DO (mg/L) 11.22 2.13 0.84 0.95

ORP (mV) 280 275 220 216

Turb. (NTU) ≤10 10.8 8.5 3.7 2.7

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 0840

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_

Duplicate Collected?  Yes  No

Number of Bottles Filled: 6

Comments CPM4 1/5 e throttle of 50'

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-55PROJECT: Grenada Main PlantPERSONNEL: LHP/GWFDate: 11/6/14TASK: PRB Area Groundwater SamplingWeather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  WindyTemperature: 56 °FCasing: Diameter (inches) 2" / 1.5"Type:  Stainless Steel  PVCIntake Screen:  Stainless Steel  PVCDepth to Static Water Level 13.65 ft. (range 12.88 - 14.84)Depth to Well Bottom 34.98 ft.Feet of Water in Well 21.33 ft. (range 20.14 - 22.1)Screen Interval 10 ftIs well in good condition?  Yes  NoIs well visible?  Yes  NoIs well accessible?  Yes  NoIs drainage acceptable?  Yes  NoIs well labeled?  Yes  NoIs well locked?  Yes  NoConcrete pad in good condition?  Yes  NoMeasurement  Top of Inner Casing  Procasing

Datum:

\*From table due to presence of deidicated pump

Lock Type AmericanKey Number 65336Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field CleanedPurge Start Time 0740Purge End Time 0810Volume Purged 1.5 gal.Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52Calibrated: Date 10/31/14Time: 0745 0750 0755 0800 0805 0810DTW(ft) 13.65 13.65 13.45 13.65 13.65 13.65Temp (degrees C) ±1° 16.16 15.95 16.00 16.05 16.06 16.09pH ±0.1 5.32 5.35 5.33 5.34 5.31 5.30COND (mS/cm) ±5% 6.178 0.168 0.167 0.164 0.164 0.163DO (mg/L) 11.68 16.46 9.52 8.63 7.95 7.59ORP (mV) 319 302 297 293 290 290Turb. (NTU) ≤10 22.3 18.4 14.2 9.0 5.7 4.3Sampling Method:  Peristaltic  Bailer  Sub PumpSample Time: 0815

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PECord/Tubing  Teflon  Polyethylene  NylonSampling Equipment:  Dedicated  Disposable  Field CleanedMetals Field Filtered?  Yes  No  
Filter Size: \_\_\_\_\_ micronSampling Appearance:  Clear  Cloudy  Turbid  
Immiscible Liquid: None Color: \_\_\_\_\_Duplicate Collected?  Yes  No  
Number of Bottles Filled: 15Comments Start CPM 4 8/7  
\* MS/MSD collected here

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

SIGNATURE



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-56

PROJECT: Grenada Main Plant PERSONNEL: LHP/GWF

Date: 11/6/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 50 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 13.50 ft. (range 12.75 - 14.66)

Depth to Well Bottom 55.92 ft.

Feet of Water in Well 42.42 ft. (range 41.26 - 43.17)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

\*From table due to presence of deidicated pump

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 0832

Purge End Time 0852

Volume Purged 1.5 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 10/31/14

Time: 0837 0842 0847 0852

DTW(ft) 13.50 13.50 13.50 13.50

Temp (degrees C) ±1° 17.08 16.96 17.11 17.23

pH ±0.1 5.35 5.20 5.19 5.19

COND (mS/cm) ±5% 0.161 0.152 0.150 0.149

DO (mg/L) 3.25 2.12 1.65 1.44

ORP (mV) 318 340 349 351

Turb. (NTU) ≤10 10.0 7.0 9.8 8.5

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 0900

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid

Color: \_\_\_\_\_

Duplicate Collected?  Yes  No

Immiscible Liquid: None

Number of Bottles Filled: 06

Comments Start cpm 4-10/5

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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-57

PROJECT: Grenada Main Plant PERSONNEL: LHP/GWF

Date: 11/6/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 64 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 12.41 ft. (range 11.99 - 13.01)

Depth to Well Bottom 49.85 ft.

Feet of Water in Well 37.44 ft. (range 36.84 - 37.86)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

\*From table due to presence of deidicated pump

Lock Type American

Key Number 65336

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1455

Purge End Time 1515

Volume Purged 1.5 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 10/31/14

Time: 1500 1505 1510 1515

DTW(ft) 12.41 12.41 12.41 12.41

Temp (degrees C) ±1° 17.75 17.58 17.47 17.46

pH ±0.1 6.22 6.21 6.17 6.20

COND (mS/cm) ±5% 0.225 0.219 0.218 0.218

DO (mg/L) 2.16 0.91 0.39 0.14

ORP (mV) 220 187 181 175

Turb. (NTU) ≤10 1.2 0.0 0.0 0.0

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1520  
(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_

Duplicate Collected?  Yes  No

Immiscible Liquid: None

Number of Bottles Filled: 5

Comments FB-301-2014-F taken here

CPM 4 10/5

  
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# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-58

PROJECT: Grenada Main Plant PERSONNEL: LHP/GWF

Date: 11/06/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 70 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 13.00 ft. (range 12.37 - 13.73)

Depth to Well Bottom 27.38 ft.

Feet of Water in Well 14.38 ft. (range 13.65 - 15.01)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

Key Number 65336

\*From table due to presence of deidicated pump

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1450

Purge End Time 1510

Volume Purged 1.75 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 11/06/14

Time: 1455 1500 1505 1510

DTW(ft) 13.00 13.00 13.00 13.00

Temp (degrees C) ±1° 17.14 17.13 17.10 17.09

pH ±0.1 6.20 6.19 6.19 6.20

COND (mS/cm) ±5% 0.249 0.249 0.248 0.249

DO (mg/L) 2.39 2.30 2.09 1.98

ORP (mV) 55 58 69 81

Turb. (NTU) ≤10 9.6 8.9 5.7 4.4

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1515

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid

Color: \_\_\_\_\_

Duplicate Collected?  Yes  No

Immiscible Liquid: None

Number of Bottles Filled: 5

Comments CPM 10/5 e thottle of 50'

WELL DATA

PURGING DATA

SAMPLE DATA



# GROUNDWATER SAMPLING FIELD DATA

WELL NUMBER: MW-59

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GWF

Date: 11/06/14

TASK: PRB Area Groundwater Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  Snow  Windy

Temperature: 70 °F

Casing: Diameter (inches) 2" / 1.5"

Type:  Stainless Steel  PVC

Intake Screen:  Stainless Steel  PVC

Depth to Static Water Level 13.20 ft. (range 12.52 - 13.90)

Depth to Well Bottom 50.11 ft.

Feet of Water in Well 36.91 ft. (range 36.21 - 37.59)

Screen Interval 10 ft

Is well in good condition?  Yes  No

Is well visible?  Yes  No

Is well accessible?  Yes  No

Is drainage acceptable?  Yes  No

Is well labeled?  Yes  No

Is well locked?  Yes  No

Concrete pad in good condition?  Yes  No

Measurement  Top of Inner Casing  Procasing

Datum:

Lock Type American

Key Number 65336

\*From table due to presence of deidicated pump

Purge Method:  Peristaltic  Bailer  Sub Pump

Other: \_\_\_\_\_

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Other: \_\_\_\_\_

Cord/Tubing  Teflon  Polyethylene  Nylon

Other: \_\_\_\_\_

Purging Equipment:  Dedicated  Disposable  Field Cleaned

Purge Start Time 1517

Purge End Time 1535

Volume Purged 1.75 gal.

Well Evacuated?  Yes  No

## Time Series Data

Instrument: Horiba U-52

Calibrated: Date 11/06/14

Time: 1520 1525 1530 1535

DTW(ft) 13.20 13.20 13.20 13.20

Temp (degrees C) ±1° 17.18 17.03 16.96 16.90

pH ±0.1 6.20 6.17 6.16 6.16

COND (mS/cm) ±5% 0.217 0.212 0.213 0.213

DO (mg/L) 0.56 0.12 0.05 0.02

ORP (mV) 106 106 107 108

Turb. (NTU) ≤10 7.2 5.6 4.7 4.1

Sampling Method:  Peristaltic  Bailer  Sub Pump

Sample Time: 1540

(Date above and time here should correspond with date and time on sample bottle)

Materials: Bailer/Pump  Teflon  SS  PVC  PE

Cord/Tubing  Teflon  Polyethylene  Nylon

Sampling Equipment:  Dedicated  Disposable  Field Cleaned

Metals Field Filtered?  Yes  No

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: \_\_\_\_\_

Duplicate Collected?  Yes  No

Number of Bottles Filled: 6

Comments CPM 10/5 e throttle at 70'

THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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# SURFACE WATER SAMPLING FIELD DATA

SAMPLING LOCATION: SW-17

PROJECT: Grenada Main Plant  
TASK: Surface Water Sampling

PERSONNEL: LHP/GKP

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  
 Snow  Windy

Temperature: 40 °F

Other: \_\_\_\_\_

Date: 11/7/14 Time: 0920  
(Date and time should correspond with time on sample bottle)

Field Parameter Data	
Instruments:	<u>Horiba U-S2</u>
Calibrated: Date	<u>10/31/14</u>
Time	<u>0915</u>
Temp	<u>12.61</u>
pH	<u>7.02</u>
COND (mS/cm)	<u>0.218</u>
DO	<u>13.16</u>
ORP	<u>440</u>
Turb. (NTU)	<u>169</u>

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Sampling Method:  Dipper  Bailer  
Other: \_\_\_\_\_

Materials:  Grab Sampler  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Sampling Equipment:  Dedicated  Disposable  Field Cleaned  
Metals Field Filtered?  Yes  No

Filtering Method: \_\_\_\_\_  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: yellowish  
Immiscible Liquid: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Number of Bottles Filled: 5

Comments \_\_\_\_\_  
\_\_\_\_\_  
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THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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11/7/14  
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# SURFACE WATER SAMPLING FIELD DATA

SAMPLING LOCATION: SW-9

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GKP BF

TASK: Surface Water Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  
 Snow  Windy

Temperature: 40 °F

Other: \_\_\_\_\_

Date: 11/7/14 Time: 0900  
(Date and time should correspond with time on sample bottle)

Field Parameter Data	
Instruments:	<u>Horiba U-S2</u>
Calibrated: Date	<u>10/31/14</u>
Time	_____
Temp	<u>10.48</u>
pH	<u>6.89</u>
COND (mS/cm)	<u>0.228</u>
DO	<u>11.09</u>
ORP	<u>446</u>
Turb. (NTU)	<u>200</u>

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Sampling Method:  Dipper  Bailer  
Other: \_\_\_\_\_

Materials:  Grab Sampler  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Sampling Equipment:  Dedicated  Disposable  Field Cleaned  
Metals Field Filtered?  Yes  No

Filtering Method: \_\_\_\_\_  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: yellowish  
Immiscible Liquid: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Number of Bottles Filled: 5

Comments \_\_\_\_\_  
\_\_\_\_\_  
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THIS SAMPLE WAS COLLECTED AND HANDLED IN ACCORDANCE WITH APPLICABLE REGULATORY AND CORPORATE PROTOCOLS

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11/7/14  
DATE



# SURFACE WATER SAMPLING FIELD DATA

SAMPLING LOCATION: SW-19

PROJECT: Grenada Main Plant  
TASK: Surface Water Sampling

PERSONNEL: LHP/BKP BF

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  
 Snow  Windy

Temperature: 40 °F

Other: \_\_\_\_\_

Date: 11/7/14 Time: 0940  
(Date and time should correspond with time on sample bottle)

Field Parameter Data	
Instruments:	<u>Horiba U-52</u>
Calibrated: Date	<u>10/31/14</u>
Time	<u>0938</u>
Temp	<u>11.25</u>
pH	<u>7.14</u>
COND (mS/cm)	<u>0.202</u>
DO	<u>13.32</u>
ORP	<u>441</u>
Turb. (NTU)	<u>56.5</u>

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Sampling Method:  Dipper  Bailer  
Other: \_\_\_\_\_

Materials:  Grab Sampler  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Sampling Equipment:  Dedicated  Disposable  Field Cleaned  
Metals Field Filtered?  Yes  No  
Filtering Method: \_\_\_\_\_

Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: yellowish  
Immiscible Liquid: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Number of Bottles Filled: 10

Comments FD-301 collected here sample time - 1100  
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11/7/14  
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# SURFACE WATER SAMPLING FIELD DATA

SAMPLING LOCATION: SW-12

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GPBF

TASK: Surface Water Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  
 Snow  Windy

Temperature: 55 °F

Other: \_\_\_\_\_

Date: \_\_\_\_\_ Time: 1010  
(Date and time should correspond with time on sample bottle)

Field Parameter Data	
Instruments:	<u>Hanna U-52</u>
Calibrated: Date	<u>10/31/14</u>
Time	<u>1005</u>
Temp	<u>11.73</u>
pH	<u>7.18</u>
COND (mS/cm)	<u>0.198</u>
DO	<u>13.08</u>
ORP	<u>426</u>
Turb. (NTU)	<u>458</u>

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Sampling Method:  Dipper  Bailer  
Other: \_\_\_\_\_

Materials:  Grab Sampler  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Sampling Equipment:  Dedicated  Disposable  Field Cleaned  
Metals Field Filtered?  Yes  No

Filtering Method: \_\_\_\_\_  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: yellowish  
Immiscible Liquid: \_\_\_\_\_ Duplicate Collected?  Yes  No  
Number of Bottles Filled: 15

Comments MS/MSD collected here  
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# SURFACE WATER SAMPLING FIELD DATA

SAMPLING LOCATION: SW-22

PROJECT: Grenada Main Plant

PERSONNEL: LHP/GKP BF

TASK: Surface Water Sampling

Weather Conditions:  Sun  Partly Cloudy  Cloudy  Rain  
 Snow  Windy

Temperature: 55 °F

Other: \_\_\_\_\_

Date: 11/7/14 Time: 0955  
(Date and time should correspond with time on sample bottle)

Field Parameter Data	
Instruments:	<u>Hanna U-52</u>
Calibrated: Date	<u>10/31/14</u>
Time	<u>0950</u>
Temp	<u>11.69</u>
pH	<u>7.22</u>
COND (mS/cm)	<u>0.196</u>
DO	<u>12.58</u>
ORP	<u>433</u>
Turb. (NTU)	<u>43.0</u>

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Sampling Method:  Dipper  Bailer  
Other: \_\_\_\_\_

Materials:  Grab Sampler  Teflon  SS  PVC  PE Other: \_\_\_\_\_

Sampling Equipment:  Dedicated  Disposable  Field Cleaned Metals Field Filtered?  Yes  No

Filtering Method: \_\_\_\_\_  
Filter Size: \_\_\_\_\_ micron

Sampling Appearance:  Clear  Cloudy  Turbid Color: yellowish Duplicate Collected?  Yes  No  
Immiscible Liquid: \_\_\_\_\_ Number of Bottles Filled: 5

Comments \_\_\_\_\_  
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11/7/14  
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## Appendix B

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### Laboratory Analytical Reports on CD and Data Validation Memos

- Spring 2014 Data Validation Memo
- Spring 2014 Laboratory Reports
- Fall 2014 Data Validation Memo
- Fall 2014 Laboratory Reports



Spring 2014 Data Validation Memo



7/30/2014

Mr. Jim Peeples  
T&M Associates  
Suite 250  
4675 Lakehurst Court  
Dublin, OH 43016

Subject: Data review for May 2014 Groundwater Monitoring Sampling and Analysis at the Grenada Manufacturing, Mississippi Plant

Dear Mr. Peeples:

I am pleased to submit this technical data review of the select VOC, select SVOCs, Total Metals (Lead, Chromium and Arsenic), and Hexavalent Chromium (Cr<sup>6+</sup>) data for the groundwater samples collected May 6-15, 2014 at the Grenada Mississippi facility. All samples were submitted to Test America located in North Canton, Ohio for analysis.

This report discusses the technical data review of the results from the above sampling event. The samples and corresponding lab SDG identifiers are listed in Table 1. The analytical results summary is given in Table 2 with any qualification required shaded. The essential elements of the data reviewed are as follows:

- Completeness;
- Chain of Custody Records
- Holding Times;
- Laboratory Control Sample Recoveries;
- Sample Reporting Limits;
- Surrogate Spike Recoveries;
- Blank Contamination;
- Matrix Spike Recoveries;
- Matrix Spike Duplicate Recoveries;
- MS/MSD Relative Percent Difference (RPD);
- Field Duplicate RPDs.

These elements were reviewed based using the method based criteria for acceptance, QAPP, and the laboratories acceptance criteria, which was more stringent than that of the method for some of the data review elements listed above. This report addresses only the elements that contained observations were noted by the data reviewer and resulted in qualification of the data.

The data qualifiers placed on the data based on the technical data review are as follows:

- U – The compound is not detected at the reporting limit given.
- J – The compound was detected; however, minor qualifications of the data were deemed necessary based on the quality assurance review of the data.
- UJ – The compound is not detected; however, the quantitation limit for the compound is uncertain based on the quality assurance review of the data.
- R – The compound result is rejected based on major quality assurance deficiencies in the analysis of the sample. The presence or absence of the compound cannot be stated with any level of surety.

## 1.0 Chain of Custody Records

Most of the trip blanks samples submitted for VOC analyses had the generic name, “Trip Blank.” The laboratory LIMS system could not keep them discriminated when combining all the data into one report. T&M created new sample identifications for each of the trip blank samples so that they could be reported associated with the samples on the date of collection. The new identifications are given below:

Laboratory SDG	Date Collected	Trip Blank Identification
240-36960	5/6/2014	TB-101-2014S
240-37050	5/7/2014	TB-201-2014S
240-37154	5/8/2014	TB-301-2014S
240-37219	5/9/2014	TB-401-2014S
240-37266	5/12/2014	TB-501-2014S
240-37457	5/15/2014	TB-601-2014S
240-37489	5/15/2014	TB-701-2014SR
240-37510 – TO-15 samples	5/14/2014	TB-101-051414

VOC samples MW-47-2014-S and MW-48-2014-S collected 5/7/2014 were stored in a cooler at TA which malfunctioned and the vials were frozen and burst. These samples were recollected and submitted to the laboratory on 5/14/2014.

The VOC results for the sediment samples in SDG 240-37154 were reported in ug/L. T&M requested that the laboratory (TA) reissue the laboratory hardcopy report and electronic deliverables with the sediment samples reported in ug/Kg – dry.

## 2.0 Holding Times

The following samples were analyzed past the holding time criterion for Hexavalent Chromium (Cr<sup>6+</sup>):

Sample	Hold Time Exceedence
MW-59-2014-S	1 hour 50 minutes
MW-58-2014-S	1 hour 07 minutes
MW-47-2014-S	1 hour 23 minutes
MW-11-2014-S	2 hours 08 minutes
MW-7-2014-S	1 hour 10 minutes

The samples listed in the table above were reported by the laboratory with an “H” qualifier. Since the samples were analyzed within the two times the holding time, the “H” qualifier was removed and replaced with a “UJ” qualifier indicating that the results are qualified as non-detect, but the quantitation limits are estimated due to holding time exceedance.

Sample FD-01-2014-S was also listed by the laboratory as exceeding the hold time for Cr<sup>6+</sup>; however, this sample was a blind field duplicate of MW-44-2014-S and was actually analyzed within the 24 hour hold time criterion. The “H” qualifier reported by the laboratory was removed for sample FD-01-2014-S.

### 3.0 MS/MSD Recoveries

The MS/MSD recoveries and RPDs were within the laboratory established control limits and no qualification was required with the exception of samples RT-5-2014-S and MW-12-2014-S for Hexavalent Chromium analysis.

Well RT-5-2014-S had an MS and MSD recovery that were -5% and -4%, respectively. The MS/MSD results for RT-5 were the slightly lower than the sample result. The Relative Standard Deviation (RSD) for the sample and the MS/MSD results was 2.5%, indicating that the results are essentially the same. Since this well has been sampled and has used for a MS/MSD sample as recently as 2010 with no qualifications reported due to matrix accuracy, this reviewer questions if the laboratory actually spiked the sample. Because of the history for the matrix at this sample location and the results for the sample, MS and MSD being the same statistically, the reviewer has qualified the RT-5 results for Hexavalent Chromium only and suggests that this sample location be selected for MS/MSD in the next event to verify that the matrix effect on Hexavalent Chromium.

Sample MW-12-2014-S had an MS/MSD percent recovery of 34% and 39%, respectively, which is lower than the established lower control limit for this parameter. The sample results for Hexavalent Chromium in MW-12-2014S was qualified as nondetected but estimated (UJ) based on the matrix accuracy evaluation. Because MW-50-2014-S, MW-5-2014-S and MW-8-2014-S were also analyzed for MS/MSD of Hexavalent Chromium, the matrix accuracy qualification for MW-12-2014-S was applied to the sample only.

### 4.0 Field Duplicates

The following samples were analyzed as field duplicates:

Sample	Field Duplicate Sample	Matix	Analysis
MW-44-2014-S	FD-01-2014-S	Groundwater	VOCs
RT-2-2014-S	FD-02-2014-S	Groundwater	VOCs, Cr <sup>6+</sup> ,SVOCs, Metals
SW-19-2014-S	FD-03-SN-2014S	Surface Water	Cr <sup>6+</sup>
SW-19-2014-S	FD-03-SW-2014-S	Surface Water	VOCs, Metals
SD-4-2014-S	FD-04-SD-2014S	Sediment	Metals
SD-4-2014-S	FD-04-SD-2014-S	Sediment	VOCs
VP-101-051514	FD-601-051514	Groundwater	VOCs
VP-106-051414	FD-101-051414	Gas Probe	TO-15

All field duplicates had RPDs that were below 50% except for Chromium and Lead in SD-4-2014-S. The RPD for Lead and Chromium in SD-04-2014-S and its field duplicate was 51% and 95%, respectively. All sediment samples results for Lead and Chromium were qualified as estimated (J) based on the overall precision evaluation. The qualified results are given in the table below:

Sample	Analyte	Reported Result	Qualified Result
SD-17-2014-S	Lead	2.2 mg/Kg	2.2 J mg/Kg
SD-9-2014-S	Lead	1.1 mg/Kg	1.1 J mg/Kg
SD-4-2014-S	Lead	1.3 mg/Kg	1.3 J mg/Kg
SD-12-2014-S	Lead	1.3 mg/Kg	1.3 J mg/Kg
SD-7-2014-S	Lead	0.93 mg/Kg	0.93 J mg/Kg
FD-04-SD-2014S	Lead	0.77 mg/Kg	0.77 J mg/Kg

Sample	Analyte	Reported Result	Qualified Result
SD-17-2014-S	Chromium	11 mg/Kg	11 J mg/Kg
SD-9-2014-S	Chromium	0.94 mg/Kg	0.94 J mg/Kg
SD-4-2014-S	Chromium	2 mg/Kg	2 J mg/Kg
SD-12-2014-S	Chromium	1.2 mg/Kg	1.2 J mg/Kg
SD-7-2014-S	Chromium	0.66 mg/Kg	0.66 J mg/Kg
FD-04-SD-2014S	Chromium	0.71 mg/Kg	0.71 J mg/Kg

## 5.0 Blanks

The following samples were collected as Equipment and Ambient Blanks for the Grenada sampling event:

Sample	Matrix	Analysis
EB-101-GW	Groundwater	VOC
EB-201-2014-S	Groundwater	VOC
EB-301-GW	Groundwater	Cr <sup>6+</sup> , Pb, As, Cr, Se, SVOCs, VOCs
EB-302-SW	Surface Water	Cr <sup>6+</sup> , Pb, As, Cr, VOCs
EB-303-SD	Sediment	Cr <sup>6+</sup> , Pb, As, Cr, VOCs
EB-401-2014-S	Groundwater	Cr <sup>6+</sup> , Pb, As, Cr, VOCs
EB-501-2014-S	Groundwater	Cr <sup>6+</sup> , Pb, As, Cr, Se, SVOCs, VOCs
EB-601-2014-S	Groundwater	VOC
AB-101-051414	Gas Probe	TO-15

All Equipment and Ambient Blanks were nondetect for all analytes except EB-501-2014-S. The Equipment Blank, EB-501-2014-S, had a detection of Chromium at 9.8 ug/L. Sample MW-23-2014-S was the only sample associated with this equipment blank that had a detection of Chromium at 32 ug/L. Since the sample results is less than five times the blank result, Chromium in MW-23-2014-S was qualified as nondetect at 32 ug/L for this sample only based on the blank contamination evaluation.

All Method Blanks had nondetect results for all analytes except MB 240-131760/6 for VOCs and MB 240-130584/20-A for SVOCs. Carbon disulfide was detected in the method blank for VOCs; however, all results for Carbon disulfide were non-detect and no qualification of the data was required. The SVOC, bis-(2-Ethylhexyl) phthalate was detected in the SVOC method blank at a concentration of 2.31 ug/L. The following sample results were below five times the method blank concentration and were qualified to nondetect based on the SVOC method contamination:

Sample	Analyte	Reported Result	Qualified Result
RT-5-2014-S	bis-(2-Ethylhexyl) phthalate	6.3 ug/L	6.3 U ug/L
RT-4-2014-S	bis-(2-Ethylhexyl) phthalate	9.4 ug/L	9.4 U ug/L

## 6.0 LCS

All LCS were within the control criteria with the exception of Chloroethane in LCS240-131335/4. The Chloroethane recovery in LCS 240-131335/4 was above the upper control limit. All Chloroethane results associated with this LCS were nondetect and no qualification of the data was required based on the laboratory accuracy evaluation.

## 7.0 Other

All quantitation limits were adjusted based upon the dilution factors used in analyses. All sediments were reported on a dry-weight basis.

A Hexavalent Chromium Continuing Calibration Verification (CCV) had a recovery higher than the upper control limit. The samples associated with this CCV were reported by the laboratory with a “^” qualifier. All the samples results associated with this CCV were nondetect; no qualification of the results were deemed necessary and the “^” qualifier was removed for Hexavalent Chromium in samples MW-59-2014-S, MW-55-2014-S, MW-41-2014-S, MW-56-2014-S, EB-101-GW, MW-58-2014-S, MW-57-2014-S, MW-50-2014-S, and MW-44-2014-S.

All surrogates for VOCs and SVOCs were in control for all samples reported.

## 8.0 Conclusions

Based on the quality assurance review, the data reported from Test America for the Grenada, Mississippi sampling event in are usable as reported with the minor qualifications listed above.

Please call me at 614-329-9804 if you need clarification or would like to discuss the review in further detail.

Sincerely,

*Sara Crenshaw* via email

Sara Crenshaw

Sr. Scientist

Attachments: Table 1. Laboratory Identification to Site Sample Correlation  
Table 2. Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

**Table 1: Laboratory Identification to Site Sample Correlation**

**Table 1: Laboratory Identification to Site Sample Correlation  
Grenada, Mississippi**

LAB SAMPLE ID	T&M SAMPLE ID	SAMPLE DATE	SAMPLE TIME	ANALYSIS
240-37510-09	AB-101-051414 (Ambient Blank)	5/14/2014	14:11	VOC (TO-15)
240-36960-14	EB-101-GW (Equipment Blank)	5/6/2014	17:35	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37050-09	EB-201-2014-S (Equipment Blank)	5/7/2014	16:00	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37110-12	EB-301-GW (Equipment Blank - Groundwater Samples)	5/8/2014	11:30	Cr (VI)
240-37135-12	EB-301-GW (Equipment Blank - Groundwater Samples)	5/8/2014	11:30	As, Cr, Pb, Se, SVOC
240-37154-06	EB-301-GW (Equipment Blank - Groundwater Samples)	5/8/2014	11:30	VOC (2)
240-37110-13	EB-302-SW (Equipment Blank - Surface Water Samples)	5/8/2014	16:20	Cr (VI)
240-37135-13	EB-302-SW (Equipment Blank - Surface Water Samples)	5/8/2014	16:20	As, Cr, Pb
240-37154-14	EB-302-SW (Equipment Blank - Surface Water Samples)	5/8/2014	16:20	VOC
240-37110-14	EB-303-SD (Equipment Blank - Sediment Samples)	5/8/2014	16:30	Cr (VI)
240-37135-14	EB-303-SD (Equipment Blank - Sediment Samples)	5/8/2014	16:30	As, Cr, Pb
240-37154-21	EB-303-SD (Equipment Blank - Sediment Samples)	5/8/2014	16:30	VOC
240-37219-05	EB-401-2014-S (Equipment Blank)	5/9/2014	15:50	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37266-05	EB-501-2014-S (Equipment Blank)	5/12/2014	12:00	As, Cr, Pb, Se, Cr <sup>6+</sup> , VOC (2), SVOC
240-37489-01	EB-601-051514 (Equipment Blank)	5/15/2014	7:30	VOC (2)
240-36960-04	FD-01-2014-S (Field Duplicate of MW-44-2014-S)	5/6/2014	10:00	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37110-05	FD-02-2014-S (Field Duplicate RT-2-2014-S)	5/8/2014	9:00	Cr <sup>6+</sup>
240-37135-05	FD-02-2014-S (Field Duplicate RT-2-2014-S)	5/8/2014	9:00	As, Cr, Pb, Se, SVOC
240-37154-05	FD-02-2014-S (Field Duplicate RT-2-2014-S)	5/8/2014	9:00	VOC (2)
240-37110-11	FD-03-SN-2014S (Field Duplicate of SW-19-2014-S)	5/8/2014	12:00	Cr (VI)
240-37135-11	FD-03-SW-2014-S (Field Duplicate for SW-19-2014-S)	5/8/2014	12:00	As, Cr, Pb
240-37154-12	FD-03-SW-2014-S (Field Duplicate for SW-19-2014-S)	5/8/2014	12:00	VOC
240-37154-20	FD-04-SD-2014-S (Field Duplicate for SD-4-2014-S)	5/8/2014	12:15	VOC
240-37110-20	FD-04-SD-2014S (Field Duplicate of SD-4-2014-S)	5/8/2014	12:15	As, Cr, Pb, Cr <sup>6+</sup>
240-37510-07	FD-101-051414 (Field Duplicate VP-106-051414)	5/14/2014	13:00	VOC (TO-15)
240-37489-02	FD-601-051514 (Field Duplicate VP-101)	5/15/2014	7:15	VOC (2)
240-37266-07	MW-10-2014-S	5/12/2014	14:00	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37219-01	MW-11-2014-S (Used for MS/MSD VOCs only)	5/9/2014	9:10	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37050-07	MW-12-2014-S (Used for MS/MSD Cr <sup>6+</sup> only)	5/7/2014	15:30	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37266-03	MW-13-2014-S	5/12/2014	10:55	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-36960-06	MW-14-2014-S	5/6/2014	13:00	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37266-04	MW-16-2014-S	5/12/2014	11:30	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37050-08	MW-20-2014-S	5/7/2014	15:40	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37266-02	MW-23-2014-S	5/12/2014	10:20	As, Cr, Pb, Se, Cr <sup>6+</sup> , VOC (2), SVOC
240-37219-03	MW-25-2014-S	5/9/2014	12:20	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-36960-11	MW-41-2014-S	5/6/2014	16:45	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-36960-13	MW-42-2014-S	5/6/2014	17:25	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-36960-09	MW-43-2014-S	5/6/2014	15:20	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-36960-08	MW-44-2014-S	5/6/2014	14:20	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37050-01	MW-45-2014-S (Used for MS/MSD)	5/7/2014	10:50	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37050-02	MW-46-2014-S	5/7/2014	11:35	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37050-03	MW-47-2014-S	5/7/2014	8:30	As, Cr, Pb, Cr <sup>6+</sup>
240-37489-12	MW-47-2014-SR	5/15/2014	10:45	VOC
240-37050-04	MW-48-2014-S	5/7/2014	9:20	As, Cr, Pb, Cr <sup>6+</sup>
240-37489-11	MW-48-2014-SR	5/15/2014	10:15	VOC
240-36960-07	MW-49-2014-S	5/6/2014	14:10	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-36960-05	MW-50-2014-S (Used for MS/MSD)	5/6/2014	12:45	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37050-05	MW-51-2014-S	5/7/2014	9:50	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37219-06	MW-5-2014-S (Used for MS/MSD for As, Cr, Pb, Cr <sup>6+</sup> only)	5/9/2014	17:10	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37050-06	MW-52-2014-S	5/7/2014	9:05	As, Cr, Pb, Cr <sup>6+</sup> , VOC

**Table 1: Laboratory Identification to Site Sample Correlation  
Grenada, Mississippi**

LAB SAMPLE ID	T&M SAMPLE ID	SAMPLE DATE	SAMPLE TIME	ANALYSIS
240-37219-04	MW-53-2014-S	5/9/2014	15:00	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37266-06	MW-54-2014-S	5/12/2014	12:40	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-36960-10	MW-55-2014-S	5/6/2014	16:05	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-36960-12	MW-56-2014-S	5/6/2014	17:15	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-36960-03	MW-57-2014-S	5/6/2014	12:15	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-36960-02	MW-58-2014-S	5/6/2014	9:25	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-36960-01	MW-59-2014-S	5/6/2014	9:10	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37219-02	MW-7-2014-S	5/9/2014	10:20	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37266-01	MW-8-2014-S (Used for MS/MSD Cr <sup>6+</sup> only)	5/12/2014	9:40	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37266-08	MW-9-2014-S	5/12/2014	16:10	As, Cr, Pb, Cr <sup>6+</sup> , VOC
240-37110-04	RT-1-2014-S	5/8/2014	11:00	Cr <sup>6+</sup>
240-37135-04	RT-1-2014-S	5/8/2014	11:00	As, Cr, Pb
240-37154-04	RT-1-2014-S	5/8/2014	11:00	VOC
240-37110-03	RT-2-2014-S	5/8/2014	10:30	Cr <sup>6+</sup>
240-37135-03	RT-2-2014-S	5/8/2014	10:30	As, Cr, Pb, Se, SVOC
240-37154-03	RT-2-2014-S	5/8/2014	10:30	VOC (2)
240-37110-02	RT-4-2014-S	5/8/2014	10:00	Cr <sup>6+</sup>
240-37135-02	RT-4-2014-S	5/8/2014	10:00	As, Cr, Pb, Se, SVOC
240-37154-02	RT-4-2014-S	5/8/2014	10:00	VOC (2)
240-37110-01	RT-5-2014-S (Used for MS/MSD)	5/8/2014	9:30	Cr <sup>6+</sup>
240-37135-01	RT-5-2014-S (Used for MS/MSD)	5/8/2014	9:30	As, Cr, Pb, Se, SVOC
240-37154-01	RT-5-2014-S (Used for MS/MSD)	5/8/2014	9:30	VOC (2)
240-37110-18	SD-12-2014-S (Used for MS/MSD for As, Cr, Pb)	5/8/2014	15:45	As, Cr, Pb, Cr <sup>6+</sup>
240-37154-18	SD-12-2014-S (Used for MS/MSD)	5/8/2014	15:45	VOC
240-37110-15	SD-17-2014-S	5/8/2014	13:15	As, Cr, Pb, Cr <sup>6+</sup>
240-37110-15	SD-17-2014-S	5/8/2014	13:15	Cr (VI)
240-37154-15	SD-17-2014-S	5/8/2014	13:15	VOC
240-37110-17	SD-4-2014-S	5/8/2014	15:20	As, Cr, Pb, Cr <sup>6+</sup>
240-37110-17	SD-4-2014-S	5/8/2014	15:20	Cr (VI)
240-37154-17	SD-4-2014-S	5/8/2014	15:20	VOC
240-37110-19	SD-7-2014-S	5/8/2014	16:10	As, Cr, Pb, Cr <sup>6+</sup>
240-37154-19	SD-7-2014-S	5/8/2014	16:10	VOC
240-37110-16	SD-9-2014-S	5/8/2014	14:00	As, Cr, Pb, Cr <sup>6+</sup>
240-37154-16	SD-9-2014-S	5/8/2014	14:00	VOC
240-37110-09	SW-12-2014-S (Used for MS/MSD)	5/8/2014	15:40	Cr <sup>6+</sup>
240-37135-09	SW-12-2014-S (Used for MS/MSD)	5/8/2014	15:40	As, Cr, Pb
240-37154-10	SW-12-2014-S (Used for MS/MSD)	5/8/2014	15:40	VOC
240-37110-06	SW-17-2014-S	5/8/2014	13:10	Cr <sup>6+</sup>
240-37135-06	SW-17-2014-S	5/8/2014	13:10	As, Cr, Pb
240-37154-07	SW-17-2014-S	5/8/2014	13:10	VOC
240-37110-08	SW-19-2014-S	5/8/2014	15:15	Cr <sup>6+</sup>
240-37135-08	SW-19-2014-S	5/8/2014	15:15	As, Cr, Pb
240-37154-09	SW-19-2014-S	5/8/2014	15:15	VOC
240-37110-10	SW-22-2014-S	5/8/2014	16:05	Cr (VI)
240-37135-10	SW-22-2014-S	5/8/2014	16:05	As, Cr, Pb
240-37154-11	SW-22-2014-S	5/8/2014	16:05	VOC
240-37110-07	SW-9-2014-S	5/8/2014	13:50	Cr <sup>6+</sup>
240-37135-07	SW-9-2014-S	5/8/2014	13:50	As, Cr, Pb
240-37154-08	SW-9-2014-S	5/8/2014	13:50	VOC
240-37510-10	TB-101-051414 (Trip Blank)	5/14/2014	0:00	VOC (TO-15)
240-36960-15	TB-101-2014S (Trip Blank)	5/6/2014	0:00	VOC
240-37050-10	TB-201-2014S (Trip Blank)	5/7/2014	0:00	VOC
240-37154-13	TB-301-2014S (Trip Blank)	5/8/2014	0:00	VOC (2)

**Table 1: Laboratory Identification to Site Sample Correlation  
Grenada, Mississippi**

LAB SAMPLE ID	T&M SAMPLE ID	SAMPLE DATE	SAMPLE TIME	ANALYSIS
240-37219-07	TB-401-2014S (Trip Blank)	5/9/2014	0:00	VOC
240-37266-09	TB-501-2014S (Trip Blank)	5/12/2014	0:00	VOC (2)
240-37489-13	TB-701-2014SR (Trip Blank)	5/15/2014	0:00	VOC (2)
240-37489-03	VP-101-051514	5/15/2014	7:45	VOC (2)
240-37489-04	VP-103-051514	5/15/2014	8:00	VOC (2)
240-37510-05	VP-106-051414	5/14/2014	13:56	VOC (TO-15)
240-37489-08	VP-106-051514	5/15/2014	8:35	VOC (2)
240-37510-03	VP-107-051414	5/11/2014	13:46	VOC (TO-15)
240-37489-06	VP-107-051514	5/15/2014	8:20	VOC (2)
240-37510-06	VP-108-051414	5/14/2014	13:04	VOC (TO-15)
240-37489-05	VP-108-051514	5/15/2014	8:15	VOC (2)
240-37510-04	VP-110-051414	5/14/2014	12:25	VOC (TO-15)
240-37489-07	VP-110-051514	5/15/2014	8:25	VOC (2)
240-37510-02	VP-11-051114	5/11/2014	19:00	VOC (TO-15)
240-37489-09	VP-112-051514	5/15/2014	8:45	VOC (2)
240-37510-08	VP-114-051414	5/14/2014	14:30	VOC (TO-15)
240-37489-10	VP-114-051514 (Used for MS/MSD)	5/15/2014	8:50	VOC (2)
240-37510-01	VP-3-051114	5/11/2014	18:48	VOC (TO-15)

**Table 2: Analytical Results for the Grenada, Mississippi Sampling Event,  
May 2014**

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-36960-01	MW-59-2014-S	5/6/2014	9:10	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-36960-01	MW-59-2014-S	5/6/2014	9:10	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-36960-01	MW-59-2014-S	5/6/2014	9:10	Lead	3	1.9	U	ug/L	SW846 6010B	
240-36960-01	MW-59-2014-S	5/6/2014	9:10	Cr (VI)	0.02	0.0019	UJ	mg/L	SW846 7196A	
240-36960-01	MW-59-2014-S	5/6/2014	9:10	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	
240-36960-01	MW-59-2014-S	5/6/2014	9:10	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-36960-01	MW-59-2014-S	5/6/2014	9:10	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-36960-01	MW-59-2014-S	5/6/2014	9:10	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-36960-01	MW-59-2014-S	5/6/2014	9:10	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	
240-36960-01	MW-59-2014-S	5/6/2014	9:10	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-36960-01	MW-59-2014-S	5/6/2014	9:10	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-36960-01	MW-59-2014-S	5/6/2014	9:10	Trichloroethene	2.3	0.17		ug/L	SW846 8260B	
240-36960-01	MW-59-2014-S	5/6/2014	9:10	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	
240-36960-02	MW-58-2014-S	5/6/2014	9:25	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-36960-02	MW-58-2014-S	5/6/2014	9:25	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-36960-02	MW-58-2014-S	5/6/2014	9:25	Lead	3	1.9	U	ug/L	SW846 6010B	
240-36960-02	MW-58-2014-S	5/6/2014	9:25	Cr (VI)	0.02	0.0019	UJ	mg/L	SW846 7196A	
240-36960-02	MW-58-2014-S	5/6/2014	9:25	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	
240-36960-02	MW-58-2014-S	5/6/2014	9:25	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-36960-02	MW-58-2014-S	5/6/2014	9:25	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-36960-02	MW-58-2014-S	5/6/2014	9:25	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-36960-02	MW-58-2014-S	5/6/2014	9:25	cis-1,2-Dichloroethene	62	0.17		ug/L	SW846 8260B	
240-36960-02	MW-58-2014-S	5/6/2014	9:25	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-36960-02	MW-58-2014-S	5/6/2014	9:25	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-36960-02	MW-58-2014-S	5/6/2014	9:25	Trichloroethene	49	0.17		ug/L	SW846 8260B	
240-36960-02	MW-58-2014-S	5/6/2014	9:25	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	
240-36960-03	MW-57-2014-S	5/6/2014	12:15	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-36960-03	MW-57-2014-S	5/6/2014	12:15	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-36960-03	MW-57-2014-S	5/6/2014	12:15	Lead	3	1.9	U	ug/L	SW846 6010B	
240-36960-03	MW-57-2014-S	5/6/2014	12:15	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-36960-03	MW-57-2014-S	5/6/2014	12:15	1,1,2-Trichloroethane	1.7	0.45	U	ug/L	SW846 8260B	
240-36960-03	MW-57-2014-S	5/6/2014	12:15	1,1-Dichloroethene	1.7	0.32	U	ug/L	SW846 8260B	
240-36960-03	MW-57-2014-S	5/6/2014	12:15	1,2-Dichloroethane	1.7	0.37	U	ug/L	SW846 8260B	
240-36960-03	MW-57-2014-S	5/6/2014	12:15	Benzene	1.7	0.22	U	ug/L	SW846 8260B	
240-36960-03	MW-57-2014-S	5/6/2014	12:15	cis-1,2-Dichloroethene	97	0.28		ug/L	SW846 8260B	
240-36960-03	MW-57-2014-S	5/6/2014	12:15	Tetrachloroethene	1.7	0.48	U	ug/L	SW846 8260B	
240-36960-03	MW-57-2014-S	5/6/2014	12:15	Toluene	1.7	0.22	U	ug/L	SW846 8260B	
240-36960-03	MW-57-2014-S	5/6/2014	12:15	Trichloroethene	43	0.28		ug/L	SW846 8260B	
240-36960-03	MW-57-2014-S	5/6/2014	12:15	Vinyl chloride	14	0.37		ug/L	SW846 8260B	
240-36960-04	FD-01-2014-S	5/6/2014	10:00	Arsenic	10	3.2	U	ug/L	SW846 6010B	Field Duplicate of MW-44-2014-S
240-36960-04	FD-01-2014-S	5/6/2014	10:00	Chromium	5	2.2	U	ug/L	SW846 6010B	Field Duplicate of MW-44-2014-S
240-36960-04	FD-01-2014-S	5/6/2014	10:00	Lead	3	1.9	U	ug/L	SW846 6010B	Field Duplicate of MW-44-2014-S
240-36960-04	FD-01-2014-S	5/6/2014	10:00	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	Field Duplicate of MW-44-2014-S

**Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014**

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-36960-04	FD-01-2014-S	5/6/2014	10:00	1,1,2-Trichloroethane	6.7	1.8	U	ug/L	SW846 8260B	Field Duplicate of MW-44-2014-S
240-36960-04	FD-01-2014-S	5/6/2014	10:00	1,1-Dichloroethene	6.7	1.3	U	ug/L	SW846 8260B	Field Duplicate of MW-44-2014-S
240-36960-04	FD-01-2014-S	5/6/2014	10:00	1,2-Dichloroethane	6.7	1.5	U	ug/L	SW846 8260B	Field Duplicate of MW-44-2014-S
240-36960-04	FD-01-2014-S	5/6/2014	10:00	Benzene	6.7	0.87	U	ug/L	SW846 8260B	Field Duplicate of MW-44-2014-S
240-36960-04	FD-01-2014-S	5/6/2014	10:00	cis-1,2-Dichloroethene	270	1.1		ug/L	SW846 8260B	Field Duplicate of MW-44-2014-S
240-36960-04	FD-01-2014-S	5/6/2014	10:00	Tetrachloroethene	6.7	1.9	U	ug/L	SW846 8260B	Field Duplicate of MW-44-2014-S
240-36960-04	FD-01-2014-S	5/6/2014	10:00	Toluene	6.7	0.87	U	ug/L	SW846 8260B	Field Duplicate of MW-44-2014-S
240-36960-04	FD-01-2014-S	5/6/2014	10:00	Trichloroethene	6.7	1.1	U	ug/L	SW846 8260B	Field Duplicate of MW-44-2014-S
240-36960-04	FD-01-2014-S	5/6/2014	10:00	Vinyl chloride	97	1.5		ug/L	SW846 8260B	Field Duplicate of MW-44-2014-S
240-36960-05	MW-50-2014-S	5/6/2014	12:45	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-36960-05	MW-50-2014-S	5/6/2014	12:45	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-36960-05	MW-50-2014-S	5/6/2014	12:45	Lead	3	1.9	U	ug/L	SW846 6010B	
240-36960-05	MW-50-2014-S	5/6/2014	12:45	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-36960-05	MW-50-2014-S	5/6/2014	12:45	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	
240-36960-05	MW-50-2014-S	5/6/2014	12:45	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-36960-05	MW-50-2014-S	5/6/2014	12:45	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-36960-05	MW-50-2014-S	5/6/2014	12:45	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-36960-05	MW-50-2014-S	5/6/2014	12:45	cis-1,2-Dichloroethene	23	0.17		ug/L	SW846 8260B	
240-36960-05	MW-50-2014-S	5/6/2014	12:45	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-36960-05	MW-50-2014-S	5/6/2014	12:45	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-36960-05	MW-50-2014-S	5/6/2014	12:45	Trichloroethene	5	0.17		ug/L	SW846 8260B	
240-36960-05	MW-50-2014-S	5/6/2014	12:45	Vinyl chloride	6.4	0.22		ug/L	SW846 8260B	
240-36960-06	MW-14-2014-S	5/6/2014	13:00	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-36960-06	MW-14-2014-S	5/6/2014	13:00	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-36960-06	MW-14-2014-S	5/6/2014	13:00	Lead	3	1.9	U	ug/L	SW846 6010B	
240-36960-06	MW-14-2014-S	5/6/2014	13:00	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-36960-06	MW-14-2014-S	5/6/2014	13:00	1,1,2-Trichloroethane	11	3	U	ug/L	SW846 8260B	
240-36960-06	MW-14-2014-S	5/6/2014	13:00	1,1-Dichloroethene	11	2.1	U	ug/L	SW846 8260B	
240-36960-06	MW-14-2014-S	5/6/2014	13:00	1,2-Dichloroethane	11	2.4	U	ug/L	SW846 8260B	
240-36960-06	MW-14-2014-S	5/6/2014	13:00	Benzene	11	1.4	U	ug/L	SW846 8260B	
240-36960-06	MW-14-2014-S	5/6/2014	13:00	cis-1,2-Dichloroethene	440	1.9		ug/L	SW846 8260B	
240-36960-06	MW-14-2014-S	5/6/2014	13:00	Tetrachloroethene	11	3.2	U	ug/L	SW846 8260B	
240-36960-06	MW-14-2014-S	5/6/2014	13:00	Toluene	11	1.4	U	ug/L	SW846 8260B	
240-36960-06	MW-14-2014-S	5/6/2014	13:00	Trichloroethene	750	1.9		ug/L	SW846 8260B	
240-36960-06	MW-14-2014-S	5/6/2014	13:00	Vinyl chloride	11	2.4	U	ug/L	SW846 8260B	
240-36960-07	MW-49-2014-S	5/6/2014	14:10	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-36960-07	MW-49-2014-S	5/6/2014	14:10	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-36960-07	MW-49-2014-S	5/6/2014	14:10	Lead	3	1.9	U	ug/L	SW846 6010B	
240-36960-07	MW-49-2014-S	5/6/2014	14:10	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-36960-07	MW-49-2014-S	5/6/2014	14:10	1,1,2-Trichloroethane	13	3.4	U	ug/L	SW846 8260B	
240-36960-07	MW-49-2014-S	5/6/2014	14:10	1,1-Dichloroethene	13	2.4	U	ug/L	SW846 8260B	
240-36960-07	MW-49-2014-S	5/6/2014	14:10	1,2-Dichloroethane	13	2.8	U	ug/L	SW846 8260B	
240-36960-07	MW-49-2014-S	5/6/2014	14:10	Benzene	13	1.6	U	ug/L	SW846 8260B	

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-36960-07	MW-49-2014-S	5/6/2014	14:10	cis-1,2-Dichloroethene	930	2.1		ug/L	SW846 8260B	
240-36960-07	MW-49-2014-S	5/6/2014	14:10	Tetrachloroethene	13	3.6	U	ug/L	SW846 8260B	
240-36960-07	MW-49-2014-S	5/6/2014	14:10	Toluene	13	1.6	U	ug/L	SW846 8260B	
240-36960-07	MW-49-2014-S	5/6/2014	14:10	Trichloroethene	13	2.1	U	ug/L	SW846 8260B	
240-36960-07	MW-49-2014-S	5/6/2014	14:10	Vinyl chloride	500	2.8		ug/L	SW846 8260B	
240-36960-08	MW-44-2014-S	5/6/2014	14:20	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-36960-08	MW-44-2014-S	5/6/2014	14:20	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-36960-08	MW-44-2014-S	5/6/2014	14:20	Lead	3	1.9	U	ug/L	SW846 6010B	
240-36960-08	MW-44-2014-S	5/6/2014	14:20	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-36960-08	MW-44-2014-S	5/6/2014	14:20	1,1,2-Trichloroethane	4	1.1	U	ug/L	SW846 8260B	
240-36960-08	MW-44-2014-S	5/6/2014	14:20	1,1-Dichloroethene	4	0.76	U	ug/L	SW846 8260B	
240-36960-08	MW-44-2014-S	5/6/2014	14:20	1,2-Dichloroethane	4	0.88	U	ug/L	SW846 8260B	
240-36960-08	MW-44-2014-S	5/6/2014	14:20	Benzene	4	0.52	U	ug/L	SW846 8260B	
240-36960-08	MW-44-2014-S	5/6/2014	14:20	cis-1,2-Dichloroethene	340	0.68		ug/L	SW846 8260B	
240-36960-08	MW-44-2014-S	5/6/2014	14:20	Tetrachloroethene	4	1.2	U	ug/L	SW846 8260B	
240-36960-08	MW-44-2014-S	5/6/2014	14:20	Toluene	4	0.52	U	ug/L	SW846 8260B	
240-36960-08	MW-44-2014-S	5/6/2014	14:20	Trichloroethene	4	0.68	U	ug/L	SW846 8260B	
240-36960-08	MW-44-2014-S	5/6/2014	14:20	Vinyl chloride	120	0.88		ug/L	SW846 8260B	
240-36960-09	MW-43-2014-S	5/6/2014	15:20	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-36960-09	MW-43-2014-S	5/6/2014	15:20	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-36960-09	MW-43-2014-S	5/6/2014	15:20	Lead	3	1.9	U	ug/L	SW846 6010B	
240-36960-09	MW-43-2014-S	5/6/2014	15:20	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-36960-09	MW-43-2014-S	5/6/2014	15:20	1,1,2-Trichloroethane	17	4.5	U	ug/L	SW846 8260B	
240-36960-09	MW-43-2014-S	5/6/2014	15:20	1,1-Dichloroethene	17	3.2	U	ug/L	SW846 8260B	
240-36960-09	MW-43-2014-S	5/6/2014	15:20	1,2-Dichloroethane	17	3.7	U	ug/L	SW846 8260B	
240-36960-09	MW-43-2014-S	5/6/2014	15:20	Benzene	17	2.2	U	ug/L	SW846 8260B	
240-36960-09	MW-43-2014-S	5/6/2014	15:20	cis-1,2-Dichloroethene	980	2.8		ug/L	SW846 8260B	
240-36960-09	MW-43-2014-S	5/6/2014	15:20	Tetrachloroethene	17	4.8	U	ug/L	SW846 8260B	
240-36960-09	MW-43-2014-S	5/6/2014	15:20	Toluene	17	2.2	U	ug/L	SW846 8260B	
240-36960-09	MW-43-2014-S	5/6/2014	15:20	Trichloroethene	17	2.8	U	ug/L	SW846 8260B	
240-36960-09	MW-43-2014-S	5/6/2014	15:20	Vinyl chloride	130	3.7		ug/L	SW846 8260B	
240-36960-10	MW-55-2014-S	5/6/2014	16:05	Arsenic	11	3.2		ug/L	SW846 6010B	
240-36960-10	MW-55-2014-S	5/6/2014	16:05	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-36960-10	MW-55-2014-S	5/6/2014	16:05	Lead	3	1.9	U	ug/L	SW846 6010B	
240-36960-10	MW-55-2014-S	5/6/2014	16:05	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-36960-10	MW-55-2014-S	5/6/2014	16:05	1,1,2-Trichloroethane	50	14	U	ug/L	SW846 8260B	
240-36960-10	MW-55-2014-S	5/6/2014	16:05	1,1-Dichloroethene	50	9.5	U	ug/L	SW846 8260B	
240-36960-10	MW-55-2014-S	5/6/2014	16:05	1,2-Dichloroethane	50	11	U	ug/L	SW846 8260B	
240-36960-10	MW-55-2014-S	5/6/2014	16:05	Benzene	50	6.5	U	ug/L	SW846 8260B	
240-36960-10	MW-55-2014-S	5/6/2014	16:05	cis-1,2-Dichloroethene	660	8.5		ug/L	SW846 8260B	
240-36960-10	MW-55-2014-S	5/6/2014	16:05	Tetrachloroethene	50	15	U	ug/L	SW846 8260B	
240-36960-10	MW-55-2014-S	5/6/2014	16:05	Toluene	50	6.5	U	ug/L	SW846 8260B	
240-36960-10	MW-55-2014-S	5/6/2014	16:05	Trichloroethene	2900	8.5		ug/L	SW846 8260B	

**Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014**

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-36960-10	MW-55-2014-S	5/6/2014	16:05	Vinyl chloride	52	11		ug/L	SW846 8260B	
240-36960-11	MW-41-2014-S	5/6/2014	16:45	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-36960-11	MW-41-2014-S	5/6/2014	16:45	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-36960-11	MW-41-2014-S	5/6/2014	16:45	Lead	3	1.9	U	ug/L	SW846 6010B	
240-36960-11	MW-41-2014-S	5/6/2014	16:45	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-36960-11	MW-41-2014-S	5/6/2014	16:45	1,1,2-Trichloroethane	50	14	U	ug/L	SW846 8260B	
240-36960-11	MW-41-2014-S	5/6/2014	16:45	1,1-Dichloroethene	50	9.5	U	ug/L	SW846 8260B	
240-36960-11	MW-41-2014-S	5/6/2014	16:45	1,2-Dichloroethane	50	11	U	ug/L	SW846 8260B	
240-36960-11	MW-41-2014-S	5/6/2014	16:45	Benzene	50	6.5	U	ug/L	SW846 8260B	
240-36960-11	MW-41-2014-S	5/6/2014	16:45	cis-1,2-Dichloroethene	4500	8.5		ug/L	SW846 8260B	
240-36960-11	MW-41-2014-S	5/6/2014	16:45	Tetrachloroethene	50	15	U	ug/L	SW846 8260B	
240-36960-11	MW-41-2014-S	5/6/2014	16:45	Toluene	50	6.5	U	ug/L	SW846 8260B	
240-36960-11	MW-41-2014-S	5/6/2014	16:45	Trichloroethene	50	8.5	U	ug/L	SW846 8260B	
240-36960-11	MW-41-2014-S	5/6/2014	16:45	Vinyl chloride	1100	11		ug/L	SW846 8260B	
240-36960-12	MW-56-2014-S	5/6/2014	17:15	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-36960-12	MW-56-2014-S	5/6/2014	17:15	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-36960-12	MW-56-2014-S	5/6/2014	17:15	Lead	3	1.9	U	ug/L	SW846 6010B	
240-36960-12	MW-56-2014-S	5/6/2014	17:15	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-36960-12	MW-56-2014-S	5/6/2014	17:15	1,1,2-Trichloroethane	50	14	U	ug/L	SW846 8260B	
240-36960-12	MW-56-2014-S	5/6/2014	17:15	1,1-Dichloroethene	50	9.5	U	ug/L	SW846 8260B	
240-36960-12	MW-56-2014-S	5/6/2014	17:15	1,2-Dichloroethane	50	11	U	ug/L	SW846 8260B	
240-36960-12	MW-56-2014-S	5/6/2014	17:15	Benzene	50	6.5	U	ug/L	SW846 8260B	
240-36960-12	MW-56-2014-S	5/6/2014	17:15	cis-1,2-Dichloroethene	700	8.5		ug/L	SW846 8260B	
240-36960-12	MW-56-2014-S	5/6/2014	17:15	Tetrachloroethene	50	15	U	ug/L	SW846 8260B	
240-36960-12	MW-56-2014-S	5/6/2014	17:15	Toluene	50	6.5	U	ug/L	SW846 8260B	
240-36960-12	MW-56-2014-S	5/6/2014	17:15	Trichloroethene	3000	8.5		ug/L	SW846 8260B	
240-36960-12	MW-56-2014-S	5/6/2014	17:15	Vinyl chloride	62	11		ug/L	SW846 8260B	
240-36960-13	MW-42-2014-S	5/6/2014	17:25	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-36960-13	MW-42-2014-S	5/6/2014	17:25	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-36960-13	MW-42-2014-S	5/6/2014	17:25	Lead	3	1.9	U	ug/L	SW846 6010B	
240-36960-13	MW-42-2014-S	5/6/2014	17:25	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-36960-13	MW-42-2014-S	5/6/2014	17:25	1,1,2-Trichloroethane	5	1.4	U	ug/L	SW846 8260B	
240-36960-13	MW-42-2014-S	5/6/2014	17:25	1,1-Dichloroethene	5	0.95	U	ug/L	SW846 8260B	
240-36960-13	MW-42-2014-S	5/6/2014	17:25	1,2-Dichloroethane	5	1.1	U	ug/L	SW846 8260B	
240-36960-13	MW-42-2014-S	5/6/2014	17:25	Benzene	5	0.65	U	ug/L	SW846 8260B	
240-36960-13	MW-42-2014-S	5/6/2014	17:25	cis-1,2-Dichloroethene	200	0.85		ug/L	SW846 8260B	
240-36960-13	MW-42-2014-S	5/6/2014	17:25	Tetrachloroethene	5	1.5	U	ug/L	SW846 8260B	
240-36960-13	MW-42-2014-S	5/6/2014	17:25	Toluene	5	0.65	U	ug/L	SW846 8260B	
240-36960-13	MW-42-2014-S	5/6/2014	17:25	Trichloroethene	5	0.85	U	ug/L	SW846 8260B	
240-36960-13	MW-42-2014-S	5/6/2014	17:25	Vinyl chloride	480	1.1		ug/L	SW846 8260B	
240-36960-14	EB-101-GW	5/6/2014	17:35	Arsenic	10	3.2	U	ug/L	SW846 6010B	Equipment Blank
240-36960-14	EB-101-GW	5/6/2014	17:35	Chromium	5	2.2	U	ug/L	SW846 6010B	Equipment Blank
240-36960-14	EB-101-GW	5/6/2014	17:35	Lead	3	1.9	U	ug/L	SW846 6010B	Equipment Blank

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-36960-14	EB-101-GW	5/6/2014	17:35	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	Equipment Blank
240-36960-14	EB-101-GW	5/6/2014	17:35	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	Equipment Blank
240-36960-14	EB-101-GW	5/6/2014	17:35	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Equipment Blank
240-36960-14	EB-101-GW	5/6/2014	17:35	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	Equipment Blank
240-36960-14	EB-101-GW	5/6/2014	17:35	Benzene	1	0.13	U	ug/L	SW846 8260B	Equipment Blank
240-36960-14	EB-101-GW	5/6/2014	17:35	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank
240-36960-14	EB-101-GW	5/6/2014	17:35	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	Equipment Blank
240-36960-14	EB-101-GW	5/6/2014	17:35	Toluene	1	0.13	U	ug/L	SW846 8260B	Equipment Blank
240-36960-14	EB-101-GW	5/6/2014	17:35	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank
240-36960-14	EB-101-GW	5/6/2014	17:35	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	Equipment Blank
240-36960-15	TB-101-2014S	5/6/2014	0:00	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	Trip Blank
240-36960-15	TB-101-2014S	5/6/2014	0:00	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Trip Blank
240-36960-15	TB-101-2014S	5/6/2014	0:00	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	Trip Blank
240-36960-15	TB-101-2014S	5/6/2014	0:00	Benzene	1	0.13	U	ug/L	SW846 8260B	Trip Blank
240-36960-15	TB-101-2014S	5/6/2014	0:00	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	Trip Blank
240-36960-15	TB-101-2014S	5/6/2014	0:00	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	Trip Blank
240-36960-15	TB-101-2014S	5/6/2014	0:00	Toluene	1	0.13	U	ug/L	SW846 8260B	Trip Blank
240-36960-15	TB-101-2014S	5/6/2014	0:00	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	Trip Blank
240-36960-15	TB-101-2014S	5/6/2014	0:00	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	Trip Blank
240-37050-01	MW-45-2014-S	5/7/2014	10:50	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37050-01	MW-45-2014-S	5/7/2014	10:50	Chromium	350	2.2		ug/L	SW846 6010B	
240-37050-01	MW-45-2014-S	5/7/2014	10:50	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37050-01	MW-45-2014-S	5/7/2014	10:50	Cr (VI)	0.38	0.0019		mg/L	SW846 7196A	
240-37050-01	MW-45-2014-S	5/7/2014	10:50	1,1,2-Trichloroethane	1000	270	U	ug/L	SW846 8260B	
240-37050-01	MW-45-2014-S	5/7/2014	10:50	1,1-Dichloroethene	1000	190	U	ug/L	SW846 8260B	
240-37050-01	MW-45-2014-S	5/7/2014	10:50	1,2-Dichloroethane	1000	220	U	ug/L	SW846 8260B	
240-37050-01	MW-45-2014-S	5/7/2014	10:50	Benzene	1000	130	U	ug/L	SW846 8260B	
240-37050-01	MW-45-2014-S	5/7/2014	10:50	cis-1,2-Dichloroethene	19000	170		ug/L	SW846 8260B	
240-37050-01	MW-45-2014-S	5/7/2014	10:50	Tetrachloroethene	1000	290	U	ug/L	SW846 8260B	
240-37050-01	MW-45-2014-S	5/7/2014	10:50	Toluene	1000	130	U	ug/L	SW846 8260B	
240-37050-01	MW-45-2014-S	5/7/2014	10:50	Trichloroethene	13000	170		ug/L	SW846 8260B	
240-37050-01	MW-45-2014-S	5/7/2014	10:50	Vinyl chloride	1900	220		ug/L	SW846 8260B	
240-37050-02	MW-46-2014-S	5/7/2014	11:35	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37050-02	MW-46-2014-S	5/7/2014	11:35	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37050-02	MW-46-2014-S	5/7/2014	11:35	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37050-02	MW-46-2014-S	5/7/2014	11:35	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37050-02	MW-46-2014-S	5/7/2014	11:35	1,1,2-Trichloroethane	200	54	U	ug/L	SW846 8260B	
240-37050-02	MW-46-2014-S	5/7/2014	11:35	1,1-Dichloroethene	200	38	U	ug/L	SW846 8260B	
240-37050-02	MW-46-2014-S	5/7/2014	11:35	1,2-Dichloroethane	200	44	U	ug/L	SW846 8260B	
240-37050-02	MW-46-2014-S	5/7/2014	11:35	Benzene	200	26	U	ug/L	SW846 8260B	
240-37050-02	MW-46-2014-S	5/7/2014	11:35	cis-1,2-Dichloroethene	3000	34		ug/L	SW846 8260B	
240-37050-02	MW-46-2014-S	5/7/2014	11:35	Tetrachloroethene	200	58	U	ug/L	SW846 8260B	
240-37050-02	MW-46-2014-S	5/7/2014	11:35	Toluene	200	26	U	ug/L	SW846 8260B	

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37050-02	MW-46-2014-S	5/7/2014	11:35	Trichloroethene	6300	34		ug/L	SW846 8260B	
240-37050-02	MW-46-2014-S	5/7/2014	11:35	Vinyl chloride	200	44	U	ug/L	SW846 8260B	
240-37050-03	MW-47-2014-S	5/7/2014	8:30	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37050-03	MW-47-2014-S	5/7/2014	8:30	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37050-03	MW-47-2014-S	5/7/2014	8:30	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37050-03	MW-47-2014-S	5/7/2014	8:30	Cr (VI)	0.02	0.0019	UJ	mg/L	SW846 7196A	
240-37050-04	MW-48-2014-S	5/7/2014	9:20	Arsenic	74	3.2		ug/L	SW846 6010B	
240-37050-04	MW-48-2014-S	5/7/2014	9:20	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37050-04	MW-48-2014-S	5/7/2014	9:20	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37050-04	MW-48-2014-S	5/7/2014	9:20	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37050-05	MW-51-2014-S	5/7/2014	9:50	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37050-05	MW-51-2014-S	5/7/2014	9:50	Chromium	51	2.2		ug/L	SW846 6010B	
240-37050-05	MW-51-2014-S	5/7/2014	9:50	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37050-05	MW-51-2014-S	5/7/2014	9:50	Cr (VI)	0.062	0.0019		mg/L	SW846 7196A	
240-37050-05	MW-51-2014-S	5/7/2014	9:50	1,1,2-Trichloroethane	500	140	U	ug/L	SW846 8260B	
240-37050-05	MW-51-2014-S	5/7/2014	9:50	1,1-Dichloroethene	500	95	U	ug/L	SW846 8260B	
240-37050-05	MW-51-2014-S	5/7/2014	9:50	1,2-Dichloroethane	500	110	U	ug/L	SW846 8260B	
240-37050-05	MW-51-2014-S	5/7/2014	9:50	Benzene	500	65	U	ug/L	SW846 8260B	
240-37050-05	MW-51-2014-S	5/7/2014	9:50	cis-1,2-Dichloroethene	1500	85		ug/L	SW846 8260B	
240-37050-05	MW-51-2014-S	5/7/2014	9:50	Tetrachloroethene	500	150	U	ug/L	SW846 8260B	
240-37050-05	MW-51-2014-S	5/7/2014	9:50	Toluene	500	65	U	ug/L	SW846 8260B	
240-37050-05	MW-51-2014-S	5/7/2014	9:50	Trichloroethene	7900	85		ug/L	SW846 8260B	
240-37050-05	MW-51-2014-S	5/7/2014	9:50	Vinyl chloride	500	110	U	ug/L	SW846 8260B	
240-37050-06	MW-52-2014-S	5/7/2014	9:05	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37050-06	MW-52-2014-S	5/7/2014	9:05	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37050-06	MW-52-2014-S	5/7/2014	9:05	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37050-06	MW-52-2014-S	5/7/2014	9:05	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37050-06	MW-52-2014-S	5/7/2014	9:05	1,1,2-Trichloroethane	500	140	U	ug/L	SW846 8260B	
240-37050-06	MW-52-2014-S	5/7/2014	9:05	1,1-Dichloroethene	500	95	U	ug/L	SW846 8260B	
240-37050-06	MW-52-2014-S	5/7/2014	9:05	1,2-Dichloroethane	500	110	U	ug/L	SW846 8260B	
240-37050-06	MW-52-2014-S	5/7/2014	9:05	Benzene	500	65	U	ug/L	SW846 8260B	
240-37050-06	MW-52-2014-S	5/7/2014	9:05	cis-1,2-Dichloroethene	1100	85		ug/L	SW846 8260B	
240-37050-06	MW-52-2014-S	5/7/2014	9:05	Tetrachloroethene	500	150	U	ug/L	SW846 8260B	
240-37050-06	MW-52-2014-S	5/7/2014	9:05	Toluene	500	65	U	ug/L	SW846 8260B	
240-37050-06	MW-52-2014-S	5/7/2014	9:05	Trichloroethene	4200	85		ug/L	SW846 8260B	
240-37050-06	MW-52-2014-S	5/7/2014	9:05	Vinyl chloride	500	110	U	ug/L	SW846 8260B	
240-37050-07	MW-12-2014-S	5/7/2014	15:30	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37050-07	MW-12-2014-S	5/7/2014	15:30	Chromium	5.3	2.2		ug/L	SW846 6010B	
240-37050-07	MW-12-2014-S	5/7/2014	15:30	Lead	3.9	1.9		ug/L	SW846 6010B	
240-37050-07	MW-12-2014-S	5/7/2014	15:30	Cr (VI)	0.02	0.0019	UJ	mg/L	SW846 7196A	
240-37050-07	MW-12-2014-S	5/7/2014	15:30	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	
240-37050-07	MW-12-2014-S	5/7/2014	15:30	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37050-07	MW-12-2014-S	5/7/2014	15:30	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37050-07	MW-12-2014-S	5/7/2014	15:30	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-37050-07	MW-12-2014-S	5/7/2014	15:30	cis-1,2-Dichloroethene	9.2	0.17		ug/L	SW846 8260B	
240-37050-07	MW-12-2014-S	5/7/2014	15:30	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-37050-07	MW-12-2014-S	5/7/2014	15:30	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-37050-07	MW-12-2014-S	5/7/2014	15:30	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	
240-37050-07	MW-12-2014-S	5/7/2014	15:30	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	
240-37050-08	MW-20-2014-S	5/7/2014	15:40	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37050-08	MW-20-2014-S	5/7/2014	15:40	Chromium	5.1	2.2		ug/L	SW846 6010B	
240-37050-08	MW-20-2014-S	5/7/2014	15:40	Lead	6.7	1.9		ug/L	SW846 6010B	
240-37050-08	MW-20-2014-S	5/7/2014	15:40	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37050-08	MW-20-2014-S	5/7/2014	15:40	1,1,2-Trichloroethane	17	4.5	U	ug/L	SW846 8260B	
240-37050-08	MW-20-2014-S	5/7/2014	15:40	1,1-Dichloroethene	17	3.2	U	ug/L	SW846 8260B	
240-37050-08	MW-20-2014-S	5/7/2014	15:40	1,2-Dichloroethane	17	3.7	U	ug/L	SW846 8260B	
240-37050-08	MW-20-2014-S	5/7/2014	15:40	Benzene	17	2.2	U	ug/L	SW846 8260B	
240-37050-08	MW-20-2014-S	5/7/2014	15:40	cis-1,2-Dichloroethene	390	2.8		ug/L	SW846 8260B	
240-37050-08	MW-20-2014-S	5/7/2014	15:40	Tetrachloroethene	17	4.8	U	ug/L	SW846 8260B	
240-37050-08	MW-20-2014-S	5/7/2014	15:40	Toluene	17	2.2	U	ug/L	SW846 8260B	
240-37050-08	MW-20-2014-S	5/7/2014	15:40	Trichloroethene	370	2.8		ug/L	SW846 8260B	
240-37050-08	MW-20-2014-S	5/7/2014	15:40	Vinyl chloride	17	3.7	U	ug/L	SW846 8260B	
240-37050-09	EB-201-2014-S	5/7/2014	16:00	Arsenic	10	3.2	U	ug/L	SW846 6010B	Equipment Blank
240-37050-09	EB-201-2014-S	5/7/2014	16:00	Chromium	5	2.2	U	ug/L	SW846 6010B	Equipment Blank
240-37050-09	EB-201-2014-S	5/7/2014	16:00	Lead	3	1.9	U	ug/L	SW846 6010B	Equipment Blank
240-37050-09	EB-201-2014-S	5/7/2014	16:00	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	Equipment Blank
240-37050-09	EB-201-2014-S	5/7/2014	16:00	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	Equipment Blank
240-37050-09	EB-201-2014-S	5/7/2014	16:00	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Equipment Blank
240-37050-09	EB-201-2014-S	5/7/2014	16:00	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	Equipment Blank
240-37050-09	EB-201-2014-S	5/7/2014	16:00	Benzene	1	0.13	U	ug/L	SW846 8260B	Equipment Blank
240-37050-09	EB-201-2014-S	5/7/2014	16:00	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank
240-37050-09	EB-201-2014-S	5/7/2014	16:00	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	Equipment Blank
240-37050-09	EB-201-2014-S	5/7/2014	16:00	Toluene	1	0.13	U	ug/L	SW846 8260B	Equipment Blank
240-37050-09	EB-201-2014-S	5/7/2014	16:00	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank
240-37050-09	EB-201-2014-S	5/7/2014	16:00	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	Equipment Blank
240-37050-10	TB-201-2014S	5/7/2014	0:00	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	Trip Blank
240-37050-10	TB-201-2014S	5/7/2014	0:00	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Trip Blank
240-37050-10	TB-201-2014S	5/7/2014	0:00	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	Trip Blank
240-37050-10	TB-201-2014S	5/7/2014	0:00	Benzene	1	0.13	U	ug/L	SW846 8260B	Trip Blank
240-37050-10	TB-201-2014S	5/7/2014	0:00	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	Trip Blank
240-37050-10	TB-201-2014S	5/7/2014	0:00	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	Trip Blank
240-37050-10	TB-201-2014S	5/7/2014	0:00	Toluene	1	0.13	U	ug/L	SW846 8260B	Trip Blank
240-37050-10	TB-201-2014S	5/7/2014	0:00	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	Trip Blank
240-37050-10	TB-201-2014S	5/7/2014	0:00	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	Trip Blank
240-37110-01	RT-5-2014-S	5/8/2014	9:30	Cr (VI)	0.2	0.0019	J	mg/L	SW846 7196A	
240-37110-02	RT-4-2014-S	5/8/2014	10:00	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	

**Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014**

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37110-03	RT-2-2014-S	5/8/2014	10:30	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37110-04	RT-1-2014-S	5/8/2014	11:00	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37110-05	FD-02-2014-S	5/8/2014	9:00	Cr (VI)	0.023	0.0019		mg/L	SW846 7196A	Field Duplicate of RT-2-2014-S
240-37110-06	SW-17-2014-S	5/8/2014	13:10	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37110-07	SW-9-2014-S	5/8/2014	13:50	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37110-08	SW-19-2014-S	5/8/2014	15:15	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37110-09	SW-12-2014-S	5/8/2014	15:40	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37110-10	SW-22-2014-S	5/8/2014	16:05	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37110-11	FD-03-SN-2014S	5/8/2014	12:00	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	Field Duplicate of SW-19-2014-S
240-37110-12	EB-301-GW	5/8/2014	11:30	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	Equipment Blank - Groundwater
240-37110-13	EB-302-SW	5/8/2014	16:20	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	Equipment Blank - Surface Water
240-37110-14	EB-303-SD	5/8/2014	16:30	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	Equipment Blank - Sediments
240-37110-15	SD-17-2014-S	5/8/2014	13:15	Arsenic	1.1	0.32	U	mg/Kg	SW846 6010B	
240-37110-15	SD-17-2014-S	5/8/2014	13:15	Chromium	11	0.21	J	mg/Kg	SW846 6010B	
240-37110-15	SD-17-2014-S	5/8/2014	13:15	Lead	2.2	0.2	J	mg/Kg	SW846 6010B	
240-37110-15	SD-17-2014-S	5/8/2014	13:15	Cr (VI)	1	0.34	U	mg/Kg	SW846 7196A	
240-37110-16	SD-9-2014-S	5/8/2014	14:00	Arsenic	1.1	0.32	U	mg/Kg	SW846 6010B	
240-37110-16	SD-9-2014-S	5/8/2014	14:00	Chromium	0.94	0.22	J	mg/Kg	SW846 6010B	
240-37110-16	SD-9-2014-S	5/8/2014	14:00	Lead	1.1	0.21	J	mg/Kg	SW846 6010B	
240-37110-16	SD-9-2014-S	5/8/2014	14:00	Cr (VI)	1	0.35	U	mg/Kg	SW846 7196A	
240-37110-17	SD-4-2014-S	5/8/2014	15:20	Arsenic	1	0.25		mg/Kg	SW846 6010B	
240-37110-17	SD-4-2014-S	5/8/2014	15:20	Chromium	2	0.16	J	mg/Kg	SW846 6010B	
240-37110-17	SD-4-2014-S	5/8/2014	15:20	Lead	1.3	0.16	J	mg/Kg	SW846 6010B	
240-37110-17	SD-4-2014-S	5/8/2014	15:20	Cr (VI)	0.97	0.33	U	mg/Kg	SW846 7196A	
240-37110-18	SD-12-2014-S	5/8/2014	15:45	Arsenic	1.2	0.37	U	mg/Kg	SW846 6010B	
240-37110-18	SD-12-2014-S	5/8/2014	15:45	Chromium	1.2	0.25	J	mg/Kg	SW846 6010B	
240-37110-18	SD-12-2014-S	5/8/2014	15:45	Lead	1.3	0.24	J	mg/Kg	SW846 6010B	
240-37110-18	SD-12-2014-S	5/8/2014	15:45	Cr (VI)	1.1	0.36	U	mg/Kg	SW846 7196A	
240-37110-19	SD-7-2014-S	5/8/2014	16:10	Arsenic	1.2	0.35	U	mg/Kg	SW846 6010B	
240-37110-19	SD-7-2014-S	5/8/2014	16:10	Chromium	0.66	0.23	J	mg/Kg	SW846 6010B	
240-37110-19	SD-7-2014-S	5/8/2014	16:10	Lead	0.93	0.22	J	mg/Kg	SW846 6010B	
240-37110-19	SD-7-2014-S	5/8/2014	16:10	Cr (VI)	1	0.34	U	mg/Kg	SW846 7196A	
240-37110-20	FD-04-SD-2014S	5/8/2014	12:15	Arsenic	1.1	0.32	U	mg/Kg	SW846 6010B	Field Duplicate of SD-4-2014-S
240-37110-20	FD-04-SD-2014S	5/8/2014	12:15	Chromium	0.71	0.21	J	mg/Kg	SW846 6010B	Field Duplicate of SD-4-2014-S
240-37110-20	FD-04-SD-2014S	5/8/2014	12:15	Lead	0.77	0.2	J	mg/Kg	SW846 6010B	Field Duplicate of SD-4-2014-S
240-37110-20	FD-04-SD-2014S	5/8/2014	12:15	Cr (VI)	1	0.34	U	mg/Kg	SW846 7196A	Field Duplicate of SD-4-2014-S
240-37135-01	RT-5-2014-S	5/8/2014	9:30	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37135-01	RT-5-2014-S	5/8/2014	9:30	Chromium	33	2.2		ug/L	SW846 6010B	
240-37135-01	RT-5-2014-S	5/8/2014	9:30	Lead	3.4	1.9		ug/L	SW846 6010B	
240-37135-01	RT-5-2014-S	5/8/2014	9:30	Selenium	5	4.1	U	ug/L	SW846 6010B	
240-37135-01	RT-5-2014-S	5/8/2014	9:30	1,2,4,5-Tetrachlorobenzene	1	0.15	U	ug/L	SW846 8270C	
240-37135-01	RT-5-2014-S	5/8/2014	9:30	1,2,4-Trichlorobenzene	1	0.16		ug/L	SW846 8270C	
240-37135-01	RT-5-2014-S	5/8/2014	9:30	2-Methylnaphthalene	0.2	0.037	U	ug/L	SW846 8270C	

**Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014**

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37135-01	RT-5-2014-S	5/8/2014	9:30	Bis(2-ethylhexyl) phthalate	6.3	1.5	U	ug/L	SW846 8270C	
240-37135-01	RT-5-2014-S	5/8/2014	9:30	Naphthalene	0.2	0.043	U	ug/L	SW846 8270C	
240-37135-01	RT-5-2014-S	5/8/2014	9:30	Pentachlorophenol	40	5.5	U	ug/L	SW846 8270C	
240-37135-02	RT-4-2014-S	5/8/2014	10:00	Arsenic	10	3.2		ug/L	SW846 6010B	
240-37135-02	RT-4-2014-S	5/8/2014	10:00	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37135-02	RT-4-2014-S	5/8/2014	10:00	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37135-02	RT-4-2014-S	5/8/2014	10:00	Selenium	5	4.1	U	ug/L	SW846 6010B	
240-37135-02	RT-4-2014-S	5/8/2014	10:00	1,2,4,5-Tetrachlorobenzene	1.1	0.17	U	ug/L	SW846 8270C	
240-37135-02	RT-4-2014-S	5/8/2014	10:00	1,2,4-Trichlorobenzene	1.1	0.17	U	ug/L	SW846 8270C	
240-37135-02	RT-4-2014-S	5/8/2014	10:00	2-Methylnaphthalene	0.22	0.04	U	ug/L	SW846 8270C	
240-37135-02	RT-4-2014-S	5/8/2014	10:00	Bis(2-ethylhexyl) phthalate	9.4	1.7	U	ug/L	SW846 8270C	
240-37135-02	RT-4-2014-S	5/8/2014	10:00	Naphthalene	0.22	0.047	U	ug/L	SW846 8270C	
240-37135-02	RT-4-2014-S	5/8/2014	10:00	Pentachlorophenol	43	5.9	U	ug/L	SW846 8270C	
240-37135-03	RT-2-2014-S	5/8/2014	10:30	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37135-03	RT-2-2014-S	5/8/2014	10:30	Chromium	330	2.2		ug/L	SW846 6010B	
240-37135-03	RT-2-2014-S	5/8/2014	10:30	Lead	5.4	1.9		ug/L	SW846 6010B	
240-37135-03	RT-2-2014-S	5/8/2014	10:30	Selenium	5	4.1	U	ug/L	SW846 6010B	
240-37135-03	RT-2-2014-S	5/8/2014	10:30	1,2,4,5-Tetrachlorobenzene	1.1	0.17	U	ug/L	SW846 8270C	
240-37135-03	RT-2-2014-S	5/8/2014	10:30	1,2,4-Trichlorobenzene	18	0.17		ug/L	SW846 8270C	
240-37135-03	RT-2-2014-S	5/8/2014	10:30	2-Methylnaphthalene	0.22	0.04	U	ug/L	SW846 8270C	
240-37135-03	RT-2-2014-S	5/8/2014	10:30	Bis(2-ethylhexyl) phthalate	2.2	1.7	U	ug/L	SW846 8270C	
240-37135-03	RT-2-2014-S	5/8/2014	10:30	Naphthalene	0.22	0.047	U	ug/L	SW846 8270C	
240-37135-03	RT-2-2014-S	5/8/2014	10:30	Pentachlorophenol	43	5.9	U	ug/L	SW846 8270C	
240-37135-04	RT-1-2014-S	5/8/2014	11:00	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37135-04	RT-1-2014-S	5/8/2014	11:00	Chromium	6.6	2.2		ug/L	SW846 6010B	
240-37135-04	RT-1-2014-S	5/8/2014	11:00	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37135-05	FD-02-2014-S	5/8/2014	9:00	Arsenic	10	3.2	U	ug/L	SW846 6010B	Field Duplicate of RT-2-2014-S
240-37135-05	FD-02-2014-S	5/8/2014	9:00	Chromium	320	2.2		ug/L	SW846 6010B	Field Duplicate of RT-2-2014-S
240-37135-05	FD-02-2014-S	5/8/2014	9:00	Lead	4.1	1.9		ug/L	SW846 6010B	Field Duplicate of RT-2-2014-S
240-37135-05	FD-02-2014-S	5/8/2014	9:00	Selenium	5	4.1	U	ug/L	SW846 6010B	Field Duplicate of RT-2-2014-S
240-37135-05	FD-02-2014-S	5/8/2014	9:00	1,2,4,5-Tetrachlorobenzene	1.1	0.17	U	ug/L	SW846 8270C	Field Duplicate of RT-2-2014-S
240-37135-05	FD-02-2014-S	5/8/2014	9:00	1,2,4-Trichlorobenzene	18	0.17		ug/L	SW846 8270C	Field Duplicate of RT-2-2014-S
240-37135-05	FD-02-2014-S	5/8/2014	9:00	2-Methylnaphthalene	0.22	0.04	U	ug/L	SW846 8270C	Field Duplicate of RT-2-2014-S
240-37135-05	FD-02-2014-S	5/8/2014	9:00	Bis(2-ethylhexyl) phthalate	2.2	1.7	U	ug/L	SW846 8270C	Field Duplicate of RT-2-2014-S
240-37135-05	FD-02-2014-S	5/8/2014	9:00	Naphthalene	0.22	0.047	U	ug/L	SW846 8270C	Field Duplicate of RT-2-2014-S
240-37135-05	FD-02-2014-S	5/8/2014	9:00	Pentachlorophenol	43	5.9	U	ug/L	SW846 8270C	Field Duplicate of RT-2-2014-S
240-37135-06	SW-17-2014-S	5/8/2014	13:10	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37135-06	SW-17-2014-S	5/8/2014	13:10	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37135-06	SW-17-2014-S	5/8/2014	13:10	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37135-07	SW-9-2014-S	5/8/2014	13:50	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37135-07	SW-9-2014-S	5/8/2014	13:50	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37135-07	SW-9-2014-S	5/8/2014	13:50	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37135-08	SW-19-2014-S	5/8/2014	15:15	Arsenic	10	3.2	U	ug/L	SW846 6010B	

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37135-08	SW-19-2014-S	5/8/2014	15:15	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37135-08	SW-19-2014-S	5/8/2014	15:15	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37135-09	SW-12-2014-S	5/8/2014	15:40	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37135-09	SW-12-2014-S	5/8/2014	15:40	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37135-09	SW-12-2014-S	5/8/2014	15:40	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37135-10	SW-22-2014-S	5/8/2014	16:05	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37135-10	SW-22-2014-S	5/8/2014	16:05	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37135-10	SW-22-2014-S	5/8/2014	16:05	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37135-11	FD-03-SW-2014-S	5/8/2014	12:00	Arsenic	10	3.2	U	ug/L	SW846 6010B	Field Duplicate of SW-19-2014-S
240-37135-11	FD-03-SW-2014-S	5/8/2014	12:00	Chromium	5	2.2	U	ug/L	SW846 6010B	Field Duplicate of SW-19-2014-S
240-37135-11	FD-03-SW-2014-S	5/8/2014	12:00	Lead	3	1.9	U	ug/L	SW846 6010B	Field Duplicate of SW-19-2014-S
240-37135-12	EB-301-GW	5/8/2014	11:30	Arsenic	10	3.2	U	ug/L	SW846 6010B	Equipment Blank - Groundwater
240-37135-12	EB-301-GW	5/8/2014	11:30	Chromium	5	2.2	U	ug/L	SW846 6010B	Equipment Blank - Groundwater
240-37135-12	EB-301-GW	5/8/2014	11:30	Lead	3	1.9	U	ug/L	SW846 6010B	Equipment Blank - Groundwater
240-37135-12	EB-301-GW	5/8/2014	11:30	Selenium	5	4.1	U	ug/L	SW846 6010B	Equipment Blank - Groundwater
240-37135-12	EB-301-GW	5/8/2014	11:30	1,2,4,5-Tetrachlorobenzene	1	0.16	U	ug/L	SW846 8270C	Equipment Blank - Groundwater
240-37135-12	EB-301-GW	5/8/2014	11:30	1,2,4-Trichlorobenzene	1	0.17	U	ug/L	SW846 8270C	Equipment Blank - Groundwater
240-37135-12	EB-301-GW	5/8/2014	11:30	2-Methylnaphthalene	0.21	0.039	U	ug/L	SW846 8270C	Equipment Blank - Groundwater
240-37135-12	EB-301-GW	5/8/2014	11:30	Bis(2-ethylhexyl) phthalate	2.1	1.6	U	ug/L	SW846 8270C	Equipment Blank - Groundwater
240-37135-12	EB-301-GW	5/8/2014	11:30	Naphthalene	0.21	0.045	U	ug/L	SW846 8270C	Equipment Blank - Groundwater
240-37135-12	EB-301-GW	5/8/2014	11:30	Pentachlorophenol	42	5.7	U	ug/L	SW846 8270C	Equipment Blank - Groundwater
240-37135-13	EB-302-SW	5/8/2014	16:20	Arsenic	10	3.2	U	ug/L	SW846 6010B	Equipment Blank - Surface Water
240-37135-13	EB-302-SW	5/8/2014	16:20	Chromium	5	2.2	U	ug/L	SW846 6010B	Equipment Blank - Surface Water
240-37135-13	EB-302-SW	5/8/2014	16:20	Lead	3	1.9	U	ug/L	SW846 6010B	Equipment Blank - Surface Water
240-37135-14	EB-303-SD	5/8/2014	16:30	Arsenic	10	3.2	U	ug/L	SW846 6010B	Equipment Blank - Sediments
240-37135-14	EB-303-SD	5/8/2014	16:30	Chromium	5	2.2	U	ug/L	SW846 6010B	Equipment Blank - Sediments
240-37135-14	EB-303-SD	5/8/2014	16:30	Lead	3	1.9	U	ug/L	SW846 6010B	Equipment Blank - Sediments
240-37154-01	RT-5-2014-S	5/8/2014	9:30	1,1,1-Trichloroethane	6.7	1.5	U	ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	1,1,2-Trichloroethane	6.7	1.8	U	ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	1,1-Dichloroethane	6.7	1	U	ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	1,1-Dichloroethene	6.7	1.3	U	ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	1,2-Dichloroethane	6.7	1.5	U	ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	1,2-Dichloropropane	6.7	1.2	U	ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	Acetone	67	7.3	U	ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	Benzene	6.7	0.87	U	ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	Carbon disulfide	6.7	0.87	U	ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	Chloroethane	6.7	1.9	U	ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	cis-1,2-Dichloroethene	210	1.1		ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	Ethylbenzene	6.7	1.1	U	ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	Methylene Chloride	6.7	2.2	U	ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	Tetrachloroethene	6.7	1.9	U	ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	Toluene	6.7	0.87	U	ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	trans-1,2-Dichloroethene	6.7	1.3	U	ug/L	SW846 8260B	

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37154-01	RT-5-2014-S	5/8/2014	9:30	Trichloroethene	150	1.1		ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	Vinyl chloride	16	1.5		ug/L	SW846 8260B	
240-37154-01	RT-5-2014-S	5/8/2014	9:30	Xylenes, Total	13	0.93	U	ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	1,1,1-Trichloroethane	100	22	U	ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	1,1,2-Trichloroethane	100	27	U	ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	1,1-Dichloroethane	100	15	U	ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	1,1-Dichloroethene	100	19	U	ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	1,2-Dichloroethane	100	22	U	ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	1,2-Dichloropropane	100	18	U	ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	Acetone	1000	110	U	ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	Benzene	100	13	U	ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	Carbon disulfide	100	13	U	ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	Chloroethane	100	29	U	ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	cis-1,2-Dichloroethene	2100	17		ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	Ethylbenzene	100	17	U	ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	Methylene Chloride	100	33	U	ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	Tetrachloroethene	100	29	U	ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	Toluene	100	13	U	ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	trans-1,2-Dichloroethene	120	19		ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	Trichloroethene	130	17		ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	Vinyl chloride	100	22	U	ug/L	SW846 8260B	
240-37154-02	RT-4-2014-S	5/8/2014	10:00	Xylenes, Total	200	14	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	1,1,1-Trichloroethane	500	110	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	1,1,2-Trichloroethane	500	140	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	1,1-Dichloroethane	500	75	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	1,1-Dichloroethene	500	95	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	1,2-Dichloroethane	500	110	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	1,2-Dichloropropane	500	90	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	Acetone	5000	550	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	Benzene	500	65	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	Carbon disulfide	500	65	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	Chloroethane	500	150	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	cis-1,2-Dichloroethene	16000	85		ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	Ethylbenzene	500	85	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	Methylene Chloride	500	170	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	Tetrachloroethene	500	150	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	Toluene	500	65	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	trans-1,2-Dichloroethene	500	95	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	Trichloroethene	4600	85		ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	Vinyl chloride	500	110	U	ug/L	SW846 8260B	
240-37154-03	RT-2-2014-S	5/8/2014	10:30	Xylenes, Total	1000	70	U	ug/L	SW846 8260B	
240-37154-04	RT-1-2014-S	5/8/2014	11:00	1,1,2-Trichloroethane	5	1.4	U	ug/L	SW846 8260B	
240-37154-04	RT-1-2014-S	5/8/2014	11:00	1,1-Dichloroethene	5	0.95	U	ug/L	SW846 8260B	

**Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014**

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37154-04	RT-1-2014-S	5/8/2014	11:00	1,2-Dichloroethane	5	1.1	U	ug/L	SW846 8260B	
240-37154-04	RT-1-2014-S	5/8/2014	11:00	Benzene	5	0.65	U	ug/L	SW846 8260B	
240-37154-04	RT-1-2014-S	5/8/2014	11:00	cis-1,2-Dichloroethene	49	0.85		ug/L	SW846 8260B	
240-37154-04	RT-1-2014-S	5/8/2014	11:00	Tetrachloroethene	5	1.5	U	ug/L	SW846 8260B	
240-37154-04	RT-1-2014-S	5/8/2014	11:00	Toluene	5	0.65	U	ug/L	SW846 8260B	
240-37154-04	RT-1-2014-S	5/8/2014	11:00	Trichloroethene	140	0.85		ug/L	SW846 8260B	
240-37154-04	RT-1-2014-S	5/8/2014	11:00	Vinyl chloride	5	1.1	U	ug/L	SW846 8260B	
240-37154-05	FD-02-2014-S	5/8/2014	9:00	1,1,1-Trichloroethane	500	110	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	1,1,2-Trichloroethane	500	140	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	1,1-Dichloroethane	500	75	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	1,1-Dichloroethene	500	95	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	1,2-Dichloroethane	500	110	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	1,2-Dichloropropane	500	90	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	Acetone	5000	550	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	Benzene	500	65	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	Carbon disulfide	500	65	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	Chloroethane	500	150	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	cis-1,2-Dichloroethene	15000	85		ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	Ethylbenzene	500	85	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	Methylene Chloride	500	170	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	Tetrachloroethene	500	150	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	Toluene	500	65	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	trans-1,2-Dichloroethene	500	95	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	Trichloroethene	4400	85		ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	Vinyl chloride	500	110	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-05	FD-02-2014-S	5/8/2014	9:00	Xylenes, Total	1000	70	U	ug/L	SW846 8260B	Field Duplicate of RT-2-2014-S
240-37154-06	EB-301-GW	5/8/2014	11:30	1,1,1-Trichloroethane	1	0.22	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	1,1-Dichloroethane	1	0.15	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	1,2-Dichloropropane	1	0.18	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	Acetone	10	1.1	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	Benzene	1	0.13	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	Carbon disulfide	1	0.13	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	Chloroethane	1	0.29	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	Ethylbenzene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	Methylene Chloride	1	0.33	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	Toluene	1	0.13	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	trans-1,2-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank - Groundwater

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37154-06	EB-301-GW	5/8/2014	11:30	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-06	EB-301-GW	5/8/2014	11:30	Xylenes, Total	2	0.14	U	ug/L	SW846 8260B	Equipment Blank - Groundwater
240-37154-07	SW-17-2014-S	5/8/2014	13:10	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	
240-37154-07	SW-17-2014-S	5/8/2014	13:10	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37154-07	SW-17-2014-S	5/8/2014	13:10	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37154-07	SW-17-2014-S	5/8/2014	13:10	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-37154-07	SW-17-2014-S	5/8/2014	13:10	cis-1,2-Dichloroethene	25	0.17		ug/L	SW846 8260B	
240-37154-07	SW-17-2014-S	5/8/2014	13:10	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-37154-07	SW-17-2014-S	5/8/2014	13:10	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-37154-07	SW-17-2014-S	5/8/2014	13:10	Trichloroethene	5.8	0.17		ug/L	SW846 8260B	
240-37154-07	SW-17-2014-S	5/8/2014	13:10	Vinyl chloride	2.4	0.22		ug/L	SW846 8260B	
240-37154-08	SW-9-2014-S	5/8/2014	13:50	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	
240-37154-08	SW-9-2014-S	5/8/2014	13:50	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37154-08	SW-9-2014-S	5/8/2014	13:50	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37154-08	SW-9-2014-S	5/8/2014	13:50	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-37154-08	SW-9-2014-S	5/8/2014	13:50	cis-1,2-Dichloroethene	36	0.17		ug/L	SW846 8260B	
240-37154-08	SW-9-2014-S	5/8/2014	13:50	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-37154-08	SW-9-2014-S	5/8/2014	13:50	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-37154-08	SW-9-2014-S	5/8/2014	13:50	Trichloroethene	8	0.17		ug/L	SW846 8260B	
240-37154-08	SW-9-2014-S	5/8/2014	13:50	Vinyl chloride	4.1	0.22		ug/L	SW846 8260B	
240-37154-09	SW-19-2014-S	5/8/2014	15:15	1,1,2-Trichloroethane	2	0.54	U	ug/L	SW846 8260B	
240-37154-09	SW-19-2014-S	5/8/2014	15:15	1,1-Dichloroethene	2	0.38	U	ug/L	SW846 8260B	
240-37154-09	SW-19-2014-S	5/8/2014	15:15	1,2-Dichloroethane	2	0.44	U	ug/L	SW846 8260B	
240-37154-09	SW-19-2014-S	5/8/2014	15:15	Benzene	2	0.26	U	ug/L	SW846 8260B	
240-37154-09	SW-19-2014-S	5/8/2014	15:15	cis-1,2-Dichloroethene	60	0.34		ug/L	SW846 8260B	
240-37154-09	SW-19-2014-S	5/8/2014	15:15	Tetrachloroethene	2	0.58	U	ug/L	SW846 8260B	
240-37154-09	SW-19-2014-S	5/8/2014	15:15	Toluene	2	0.26	U	ug/L	SW846 8260B	
240-37154-09	SW-19-2014-S	5/8/2014	15:15	Trichloroethene	6.9	0.34		ug/L	SW846 8260B	
240-37154-09	SW-19-2014-S	5/8/2014	15:15	Vinyl chloride	10	0.44		ug/L	SW846 8260B	
240-37154-10	SW-12-2014-S	5/8/2014	15:40	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	
240-37154-10	SW-12-2014-S	5/8/2014	15:40	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37154-10	SW-12-2014-S	5/8/2014	15:40	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37154-10	SW-12-2014-S	5/8/2014	15:40	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-37154-10	SW-12-2014-S	5/8/2014	15:40	cis-1,2-Dichloroethene	4.5	0.17		ug/L	SW846 8260B	
240-37154-10	SW-12-2014-S	5/8/2014	15:40	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-37154-10	SW-12-2014-S	5/8/2014	15:40	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-37154-10	SW-12-2014-S	5/8/2014	15:40	Trichloroethene	8.7	0.17		ug/L	SW846 8260B	
240-37154-10	SW-12-2014-S	5/8/2014	15:40	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	
240-37154-11	SW-22-2014-S	5/8/2014	16:05	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	
240-37154-11	SW-22-2014-S	5/8/2014	16:05	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37154-11	SW-22-2014-S	5/8/2014	16:05	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37154-11	SW-22-2014-S	5/8/2014	16:05	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-37154-11	SW-22-2014-S	5/8/2014	16:05	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	

**Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014**

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37154-11	SW-22-2014-S	5/8/2014	16:05	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-37154-11	SW-22-2014-S	5/8/2014	16:05	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-37154-11	SW-22-2014-S	5/8/2014	16:05	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	
240-37154-11	SW-22-2014-S	5/8/2014	16:05	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	
240-37154-12	FD-03-SW-2014-S	5/8/2014	12:00	1,1,2-Trichloroethane	1.7	0.45	U	ug/L	SW846 8260B	Field Duplicate of SW-19-2014-S
240-37154-12	FD-03-SW-2014-S	5/8/2014	12:00	1,1-Dichloroethene	1.7	0.32	U	ug/L	SW846 8260B	Field Duplicate of SW-19-2014-S
240-37154-12	FD-03-SW-2014-S	5/8/2014	12:00	1,2-Dichloroethane	1.7	0.37	U	ug/L	SW846 8260B	Field Duplicate of SW-19-2014-S
240-37154-12	FD-03-SW-2014-S	5/8/2014	12:00	Benzene	1.7	0.22	U	ug/L	SW846 8260B	Field Duplicate of SW-19-2014-S
240-37154-12	FD-03-SW-2014-S	5/8/2014	12:00	cis-1,2-Dichloroethene	58	0.28		ug/L	SW846 8260B	Field Duplicate of SW-19-2014-S
240-37154-12	FD-03-SW-2014-S	5/8/2014	12:00	Tetrachloroethene	1.7	0.48	U	ug/L	SW846 8260B	Field Duplicate of SW-19-2014-S
240-37154-12	FD-03-SW-2014-S	5/8/2014	12:00	Toluene	1.7	0.22	U	ug/L	SW846 8260B	Field Duplicate of SW-19-2014-S
240-37154-12	FD-03-SW-2014-S	5/8/2014	12:00	Trichloroethene	6.8	0.28		ug/L	SW846 8260B	Field Duplicate of SW-19-2014-S
240-37154-12	FD-03-SW-2014-S	5/8/2014	12:00	Vinyl chloride	9.8	0.37		ug/L	SW846 8260B	Field Duplicate of SW-19-2014-S
240-37154-13	TB-301-2014S	5/8/2014	0:00	1,1,1-Trichloroethane	1	0.22	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	1,1-Dichloroethane	1	0.15	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	1,2-Dichloropropane	1	0.18	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	Acetone	10	1.1	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	Benzene	1	0.13	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	Carbon disulfide	1	0.13	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	Chloroethane	1	0.29	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	Ethylbenzene	1	0.17	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	Methylene Chloride	1	0.33	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	Toluene	1	0.13	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	trans-1,2-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	Trip Blank
240-37154-13	TB-301-2014S	5/8/2014	0:00	Xylenes, Total	2	0.14	U	ug/L	SW846 8260B	Trip Blank
240-37154-14	EB-302-SW	5/8/2014	16:20	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	Equipment Blank - Surface Water
240-37154-14	EB-302-SW	5/8/2014	16:20	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Equipment Blank - Surface Water
240-37154-14	EB-302-SW	5/8/2014	16:20	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	Equipment Blank - Surface Water
240-37154-14	EB-302-SW	5/8/2014	16:20	Benzene	1	0.13	U	ug/L	SW846 8260B	Equipment Blank - Surface Water
240-37154-14	EB-302-SW	5/8/2014	16:20	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank - Surface Water
240-37154-14	EB-302-SW	5/8/2014	16:20	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	Equipment Blank - Surface Water
240-37154-14	EB-302-SW	5/8/2014	16:20	Toluene	1	0.13	U	ug/L	SW846 8260B	Equipment Blank - Surface Water
240-37154-14	EB-302-SW	5/8/2014	16:20	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank - Surface Water
240-37154-14	EB-302-SW	5/8/2014	16:20	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	Equipment Blank - Surface Water
240-37154-15	SD-17-2014-S	5/8/2014	13:15	1,1,2-Trichloroethane	5.8	0.46	U	ug/Kg	SW846 8260A	
240-37154-15	SD-17-2014-S	5/8/2014	13:15	1,1-Dichloroethene	5.8	0.61	U	ug/Kg	SW846 8260A	

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37154-15	SD-17-2014-S	5/8/2014	13:15	1,2-Dichloroethane	5.8	0.4	U	ug/Kg	SW846 8260A	
240-37154-15	SD-17-2014-S	5/8/2014	13:15	Benzene	5.8	0.27	U	ug/Kg	SW846 8260A	
240-37154-15	SD-17-2014-S	5/8/2014	13:15	cis-1,2-Dichloroethene	2.9	0.42	U	ug/Kg	SW846 8260A	
240-37154-15	SD-17-2014-S	5/8/2014	13:15	Tetrachloroethene	5.8	0.61	U	ug/Kg	SW846 8260A	
240-37154-15	SD-17-2014-S	5/8/2014	13:15	Toluene	5.8	0.32	U	ug/Kg	SW846 8260A	
240-37154-15	SD-17-2014-S	5/8/2014	13:15	Trichloroethene	5.8	0.49	U	ug/Kg	SW846 8260A	
240-37154-15	SD-17-2014-S	5/8/2014	13:15	Vinyl chloride	12	0.46	U	ug/Kg	SW846 8260A	
240-37154-16	SD-9-2014-S	5/8/2014	14:00	1,1,2-Trichloroethane	5.6	0.44	U	ug/Kg	SW846 8260A	
240-37154-16	SD-9-2014-S	5/8/2014	14:00	1,1-Dichloroethene	5.6	0.58	U	ug/Kg	SW846 8260A	
240-37154-16	SD-9-2014-S	5/8/2014	14:00	1,2-Dichloroethane	5.6	0.38	U	ug/Kg	SW846 8260A	
240-37154-16	SD-9-2014-S	5/8/2014	14:00	Benzene	5.6	0.26	U	ug/Kg	SW846 8260A	
240-37154-16	SD-9-2014-S	5/8/2014	14:00	cis-1,2-Dichloroethene	2.8	0.4	U	ug/Kg	SW846 8260A	
240-37154-16	SD-9-2014-S	5/8/2014	14:00	Tetrachloroethene	5.6	0.58	U	ug/Kg	SW846 8260A	
240-37154-16	SD-9-2014-S	5/8/2014	14:00	Toluene	5.6	0.3	U	ug/Kg	SW846 8260A	
240-37154-16	SD-9-2014-S	5/8/2014	14:00	Trichloroethene	5.6	0.47	U	ug/Kg	SW846 8260A	
240-37154-16	SD-9-2014-S	5/8/2014	14:00	Vinyl chloride	11	0.44	U	ug/Kg	SW846 8260A	
240-37154-17	SD-4-2014-S	5/8/2014	15:20	1,1,2-Trichloroethane	5.8	0.45	U	ug/Kg	SW846 8260A	
240-37154-17	SD-4-2014-S	5/8/2014	15:20	1,1-Dichloroethene	5.8	0.6	U	ug/Kg	SW846 8260A	
240-37154-17	SD-4-2014-S	5/8/2014	15:20	1,2-Dichloroethane	5.8	0.39	U	ug/Kg	SW846 8260A	
240-37154-17	SD-4-2014-S	5/8/2014	15:20	Benzene	5.8	0.27	U	ug/Kg	SW846 8260A	
240-37154-17	SD-4-2014-S	5/8/2014	15:20	cis-1,2-Dichloroethene	3	0.42		ug/Kg	SW846 8260A	
240-37154-17	SD-4-2014-S	5/8/2014	15:20	Tetrachloroethene	5.8	0.6	U	ug/Kg	SW846 8260A	
240-37154-17	SD-4-2014-S	5/8/2014	15:20	Toluene	5.8	0.31	U	ug/Kg	SW846 8260A	
240-37154-17	SD-4-2014-S	5/8/2014	15:20	Trichloroethene	5.8	0.49	U	ug/Kg	SW846 8260A	
240-37154-17	SD-4-2014-S	5/8/2014	15:20	Vinyl chloride	12	0.45	U	ug/Kg	SW846 8260A	
240-37154-18	SD-12-2014-S	5/8/2014	15:45	1,1,2-Trichloroethane	11	0.83	U	ug/Kg	SW846 8260A	
240-37154-18	SD-12-2014-S	5/8/2014	15:45	1,1-Dichloroethene	11	1.1	U	ug/Kg	SW846 8260A	
240-37154-18	SD-12-2014-S	5/8/2014	15:45	1,2-Dichloroethane	11	0.72	U	ug/Kg	SW846 8260A	
240-37154-18	SD-12-2014-S	5/8/2014	15:45	Benzene	11	0.49	U	ug/Kg	SW846 8260A	
240-37154-18	SD-12-2014-S	5/8/2014	15:45	cis-1,2-Dichloroethene	46	0.76		ug/Kg	SW846 8260A	
240-37154-18	SD-12-2014-S	5/8/2014	15:45	Tetrachloroethene	11	1.1	U	ug/Kg	SW846 8260A	
240-37154-18	SD-12-2014-S	5/8/2014	15:45	Toluene	11	0.57	U	ug/Kg	SW846 8260A	
240-37154-18	SD-12-2014-S	5/8/2014	15:45	Trichloroethene	140	0.89		ug/Kg	SW846 8260A	
240-37154-18	SD-12-2014-S	5/8/2014	15:45	Vinyl chloride	21	0.83	U	ug/Kg	SW846 8260A	
240-37154-19	SD-7-2014-S	5/8/2014	16:10	1,1,2-Trichloroethane	5.5	0.43	U	ug/Kg	SW846 8260A	
240-37154-19	SD-7-2014-S	5/8/2014	16:10	1,1-Dichloroethene	5.5	0.57	U	ug/Kg	SW846 8260A	
240-37154-19	SD-7-2014-S	5/8/2014	16:10	1,2-Dichloroethane	5.5	0.37	U	ug/Kg	SW846 8260A	
240-37154-19	SD-7-2014-S	5/8/2014	16:10	Benzene	5.5	0.25	U	ug/Kg	SW846 8260A	
240-37154-19	SD-7-2014-S	5/8/2014	16:10	cis-1,2-Dichloroethene	2.8	0.4	U	ug/Kg	SW846 8260A	
240-37154-19	SD-7-2014-S	5/8/2014	16:10	Tetrachloroethene	5.5	0.57	U	ug/Kg	SW846 8260A	
240-37154-19	SD-7-2014-S	5/8/2014	16:10	Toluene	5.5	0.3	U	ug/Kg	SW846 8260A	
240-37154-19	SD-7-2014-S	5/8/2014	16:10	Trichloroethene	5.5	0.46	U	ug/Kg	SW846 8260A	
240-37154-19	SD-7-2014-S	5/8/2014	16:10	Vinyl chloride	11	0.43	U	ug/Kg	SW846 8260A	

**Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014**

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37154-20	FD-04-SD-2014-S	5/8/2014	12:15	1,1,2-Trichloroethane	5.5	0.43	U	ug/Kg	SW846 8260A	Field Duplicate of SD-4-2014-S
240-37154-20	FD-04-SD-2014-S	5/8/2014	12:15	1,1-Dichloroethene	5.5	0.57	U	ug/Kg	SW846 8260A	Field Duplicate of SD-4-2014-S
240-37154-20	FD-04-SD-2014-S	5/8/2014	12:15	1,2-Dichloroethane	5.5	0.37	U	ug/Kg	SW846 8260A	Field Duplicate of SD-4-2014-S
240-37154-20	FD-04-SD-2014-S	5/8/2014	12:15	Benzene	5.5	0.25	U	ug/Kg	SW846 8260A	Field Duplicate of SD-4-2014-S
240-37154-20	FD-04-SD-2014-S	5/8/2014	12:15	cis-1,2-Dichloroethene	3.5	0.39		ug/Kg	SW846 8260A	Field Duplicate of SD-4-2014-S
240-37154-20	FD-04-SD-2014-S	5/8/2014	12:15	Tetrachloroethene	5.5	0.57	U	ug/Kg	SW846 8260A	Field Duplicate of SD-4-2014-S
240-37154-20	FD-04-SD-2014-S	5/8/2014	12:15	Toluene	5.5	0.3	U	ug/Kg	SW846 8260A	Field Duplicate of SD-4-2014-S
240-37154-20	FD-04-SD-2014-S	5/8/2014	12:15	Trichloroethene	5.5	0.46	U	ug/Kg	SW846 8260A	Field Duplicate of SD-4-2014-S
240-37154-20	FD-04-SD-2014-S	5/8/2014	12:15	Vinyl chloride	11	0.43	U	ug/Kg	SW846 8260A	Field Duplicate of SD-4-2014-S
240-37154-21	EB-303-SD	5/8/2014	16:30	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	Equipment Blank - Sediments
240-37154-21	EB-303-SD	5/8/2014	16:30	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Equipment Blank - Sediments
240-37154-21	EB-303-SD	5/8/2014	16:30	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	Equipment Blank - Sediments
240-37154-21	EB-303-SD	5/8/2014	16:30	Benzene	1	0.13	U	ug/L	SW846 8260B	Equipment Blank - Sediments
240-37154-21	EB-303-SD	5/8/2014	16:30	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank - Sediments
240-37154-21	EB-303-SD	5/8/2014	16:30	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	Equipment Blank - Sediments
240-37154-21	EB-303-SD	5/8/2014	16:30	Toluene	1	0.13	U	ug/L	SW846 8260B	Equipment Blank - Sediments
240-37154-21	EB-303-SD	5/8/2014	16:30	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank - Sediments
240-37154-21	EB-303-SD	5/8/2014	16:30	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	Equipment Blank - Sediments
240-37219-01	MW-11-2014-S	5/9/2014	9:10	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37219-01	MW-11-2014-S	5/9/2014	9:10	Chromium	9.2	2.2		ug/L	SW846 6010B	
240-37219-01	MW-11-2014-S	5/9/2014	9:10	Lead	6.2	1.9		ug/L	SW846 6010B	
240-37219-01	MW-11-2014-S	5/9/2014	9:10	Cr (VI)	0.02	0.0019	UJ	mg/L	SW846 7196A	
240-37219-01	MW-11-2014-S	5/9/2014	9:10	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	
240-37219-01	MW-11-2014-S	5/9/2014	9:10	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37219-01	MW-11-2014-S	5/9/2014	9:10	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37219-01	MW-11-2014-S	5/9/2014	9:10	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-37219-01	MW-11-2014-S	5/9/2014	9:10	cis-1,2-Dichloroethene	1.2	0.17		ug/L	SW846 8260B	
240-37219-01	MW-11-2014-S	5/9/2014	9:10	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-37219-01	MW-11-2014-S	5/9/2014	9:10	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-37219-01	MW-11-2014-S	5/9/2014	9:10	Trichloroethene	4	0.17		ug/L	SW846 8260B	
240-37219-01	MW-11-2014-S	5/9/2014	9:10	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	
240-37219-02	MW-7-2014-S	5/9/2014	10:20	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37219-02	MW-7-2014-S	5/9/2014	10:20	Chromium	5.3	2.2		ug/L	SW846 6010B	
240-37219-02	MW-7-2014-S	5/9/2014	10:20	Lead	4.2	1.9		ug/L	SW846 6010B	
240-37219-02	MW-7-2014-S	5/9/2014	10:20	Cr (VI)	0.02	0.0019	UJ	mg/L	SW846 7196A	
240-37219-02	MW-7-2014-S	5/9/2014	10:20	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	
240-37219-02	MW-7-2014-S	5/9/2014	10:20	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37219-02	MW-7-2014-S	5/9/2014	10:20	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37219-02	MW-7-2014-S	5/9/2014	10:20	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-37219-02	MW-7-2014-S	5/9/2014	10:20	cis-1,2-Dichloroethene	3.4	0.17		ug/L	SW846 8260B	
240-37219-02	MW-7-2014-S	5/9/2014	10:20	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-37219-02	MW-7-2014-S	5/9/2014	10:20	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-37219-02	MW-7-2014-S	5/9/2014	10:20	Trichloroethene	30	0.17		ug/L	SW846 8260B	

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LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37219-02	MW-7-2014-S	5/9/2014	10:20	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	
240-37219-03	MW-25-2014-S	5/9/2014	12:20	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37219-03	MW-25-2014-S	5/9/2014	12:20	Chromium	17	2.2		ug/L	SW846 6010B	
240-37219-03	MW-25-2014-S	5/9/2014	12:20	Lead	14	1.9		ug/L	SW846 6010B	
240-37219-03	MW-25-2014-S	5/9/2014	12:20	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37219-03	MW-25-2014-S	5/9/2014	12:20	1,1,2-Trichloroethane	1300	340	U	ug/L	SW846 8260B	
240-37219-03	MW-25-2014-S	5/9/2014	12:20	1,1-Dichloroethene	1300	240	U	ug/L	SW846 8260B	
240-37219-03	MW-25-2014-S	5/9/2014	12:20	1,2-Dichloroethane	1300	280	U	ug/L	SW846 8260B	
240-37219-03	MW-25-2014-S	5/9/2014	12:20	Benzene	1300	160	U	ug/L	SW846 8260B	
240-37219-03	MW-25-2014-S	5/9/2014	12:20	cis-1,2-Dichloroethene	13000	210		ug/L	SW846 8260B	
240-37219-03	MW-25-2014-S	5/9/2014	12:20	Tetrachloroethene	1300	360	U	ug/L	SW846 8260B	
240-37219-03	MW-25-2014-S	5/9/2014	12:20	Toluene	1300	160	U	ug/L	SW846 8260B	
240-37219-03	MW-25-2014-S	5/9/2014	12:20	Trichloroethene	73000	210		ug/L	SW846 8260B	
240-37219-03	MW-25-2014-S	5/9/2014	12:20	Vinyl chloride	1300	280	U	ug/L	SW846 8260B	
240-37219-04	MW-53-2014-S	5/9/2014	15:00	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37219-04	MW-53-2014-S	5/9/2014	15:00	Chromium	20	2.2		ug/L	SW846 6010B	
240-37219-04	MW-53-2014-S	5/9/2014	15:00	Lead	4.8	1.9		ug/L	SW846 6010B	
240-37219-04	MW-53-2014-S	5/9/2014	15:00	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37219-04	MW-53-2014-S	5/9/2014	15:00	1,1,2-Trichloroethane	10	2.7	U	ug/L	SW846 8260B	
240-37219-04	MW-53-2014-S	5/9/2014	15:00	1,1-Dichloroethene	10	1.9	U	ug/L	SW846 8260B	
240-37219-04	MW-53-2014-S	5/9/2014	15:00	1,2-Dichloroethane	10	2.2	U	ug/L	SW846 8260B	
240-37219-04	MW-53-2014-S	5/9/2014	15:00	Benzene	10	1.3	U	ug/L	SW846 8260B	
240-37219-04	MW-53-2014-S	5/9/2014	15:00	cis-1,2-Dichloroethene	83	1.7		ug/L	SW846 8260B	
240-37219-04	MW-53-2014-S	5/9/2014	15:00	Tetrachloroethene	10	2.9	U	ug/L	SW846 8260B	
240-37219-04	MW-53-2014-S	5/9/2014	15:00	Toluene	10	1.3	U	ug/L	SW846 8260B	
240-37219-04	MW-53-2014-S	5/9/2014	15:00	Trichloroethene	220	1.7		ug/L	SW846 8260B	
240-37219-04	MW-53-2014-S	5/9/2014	15:00	Vinyl chloride	10	2.2	U	ug/L	SW846 8260B	
240-37219-05	EB-401-2014-S	5/9/2014	15:50	Arsenic	10	3.2	U	ug/L	SW846 6010B	Equipment Blank
240-37219-05	EB-401-2014-S	5/9/2014	15:50	Chromium	5	2.2	U	ug/L	SW846 6010B	Equipment Blank
240-37219-05	EB-401-2014-S	5/9/2014	15:50	Lead	3	1.9	U	ug/L	SW846 6010B	Equipment Blank
240-37219-05	EB-401-2014-S	5/9/2014	15:50	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	Equipment Blank
240-37219-05	EB-401-2014-S	5/9/2014	15:50	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	Equipment Blank
240-37219-05	EB-401-2014-S	5/9/2014	15:50	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Equipment Blank
240-37219-05	EB-401-2014-S	5/9/2014	15:50	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	Equipment Blank
240-37219-05	EB-401-2014-S	5/9/2014	15:50	Benzene	1	0.13	U	ug/L	SW846 8260B	Equipment Blank
240-37219-05	EB-401-2014-S	5/9/2014	15:50	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank
240-37219-05	EB-401-2014-S	5/9/2014	15:50	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	Equipment Blank
240-37219-05	EB-401-2014-S	5/9/2014	15:50	Toluene	1	0.13	U	ug/L	SW846 8260B	Equipment Blank
240-37219-05	EB-401-2014-S	5/9/2014	15:50	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank
240-37219-05	EB-401-2014-S	5/9/2014	15:50	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	Equipment Blank
240-37219-06	MW-5-2014-S	5/9/2014	17:10	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37219-06	MW-5-2014-S	5/9/2014	17:10	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37219-06	MW-5-2014-S	5/9/2014	17:10	Lead	3	1.9	U	ug/L	SW846 6010B	

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37219-06	MW-5-2014-S	5/9/2014	17:10	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37219-06	MW-5-2014-S	5/9/2014	17:10	1,1,2-Trichloroethane	250	68	U	ug/L	SW846 8260B	
240-37219-06	MW-5-2014-S	5/9/2014	17:10	1,1-Dichloroethene	250	48	U	ug/L	SW846 8260B	
240-37219-06	MW-5-2014-S	5/9/2014	17:10	1,2-Dichloroethane	250	55	U	ug/L	SW846 8260B	
240-37219-06	MW-5-2014-S	5/9/2014	17:10	Benzene	250	33	U	ug/L	SW846 8260B	
240-37219-06	MW-5-2014-S	5/9/2014	17:10	cis-1,2-Dichloroethene	4500	43		ug/L	SW846 8260B	
240-37219-06	MW-5-2014-S	5/9/2014	17:10	Tetrachloroethene	250	73	U	ug/L	SW846 8260B	
240-37219-06	MW-5-2014-S	5/9/2014	17:10	Toluene	250	33	U	ug/L	SW846 8260B	
240-37219-06	MW-5-2014-S	5/9/2014	17:10	Trichloroethene	14000	43		ug/L	SW846 8260B	
240-37219-06	MW-5-2014-S	5/9/2014	17:10	Vinyl chloride	250	55	U	ug/L	SW846 8260B	
240-37219-07	TB-401-2014S	5/9/2014	0:00	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	Trip Blank
240-37219-07	TB-401-2014S	5/9/2014	0:00	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Trip Blank
240-37219-07	TB-401-2014S	5/9/2014	0:00	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	Trip Blank
240-37219-07	TB-401-2014S	5/9/2014	0:00	Benzene	1	0.13	U	ug/L	SW846 8260B	Trip Blank
240-37219-07	TB-401-2014S	5/9/2014	0:00	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	Trip Blank
240-37219-07	TB-401-2014S	5/9/2014	0:00	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	Trip Blank
240-37219-07	TB-401-2014S	5/9/2014	0:00	Toluene	1	0.13	U	ug/L	SW846 8260B	Trip Blank
240-37219-07	TB-401-2014S	5/9/2014	0:00	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	Trip Blank
240-37219-07	TB-401-2014S	5/9/2014	0:00	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	Trip Blank
240-37266-01	MW-8-2014-S	5/12/2014	9:40	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37266-01	MW-8-2014-S	5/12/2014	9:40	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37266-01	MW-8-2014-S	5/12/2014	9:40	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37266-01	MW-8-2014-S	5/12/2014	9:40	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37266-01	MW-8-2014-S	5/12/2014	9:40	1,1,2-Trichloroethane	2.5	0.68	U	ug/L	SW846 8260B	
240-37266-01	MW-8-2014-S	5/12/2014	9:40	1,1-Dichloroethene	2.5	0.48	U	ug/L	SW846 8260B	
240-37266-01	MW-8-2014-S	5/12/2014	9:40	1,2-Dichloroethane	2.5	0.55	U	ug/L	SW846 8260B	
240-37266-01	MW-8-2014-S	5/12/2014	9:40	Benzene	2.5	0.33	U	ug/L	SW846 8260B	
240-37266-01	MW-8-2014-S	5/12/2014	9:40	cis-1,2-Dichloroethene	3.9	0.43		ug/L	SW846 8260B	
240-37266-01	MW-8-2014-S	5/12/2014	9:40	Tetrachloroethene	2.5	0.73	U	ug/L	SW846 8260B	
240-37266-01	MW-8-2014-S	5/12/2014	9:40	Toluene	2.5	0.33	U	ug/L	SW846 8260B	
240-37266-01	MW-8-2014-S	5/12/2014	9:40	Trichloroethene	70	0.43		ug/L	SW846 8260B	
240-37266-01	MW-8-2014-S	5/12/2014	9:40	Vinyl chloride	2.5	0.55	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Chromium	32	2.2	U	ug/L	SW846 6010B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Selenium	5	4.1	U	ug/L	SW846 6010B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	1,1,1-Trichloroethane	17	3.7	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	1,1,2-Trichloroethane	17	4.5	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	1,1-Dichloroethane	17	2.5	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	1,1-Dichloroethene	17	3.2	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	1,2-Dichloroethane	17	3.7	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	1,2-Dichloropropane	17	3	U	ug/L	SW846 8260B	

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LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Acetone	170	18	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Benzene	17	2.2	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Carbon disulfide	17	2.2	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Chloroethane	17	4.8	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	cis-1,2-Dichloroethene	280	2.8		ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Ethylbenzene	17	2.8	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Methylene Chloride	17	5.5	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Tetrachloroethene	17	4.8	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Toluene	17	2.2	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	trans-1,2-Dichloroethene	17	3.2	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Trichloroethene	410	2.8		ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Vinyl chloride	17	3.7	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Xylenes, Total	33	2.3	U	ug/L	SW846 8260B	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	1,2,4,5-Tetrachlorobenzene	1	0.16	U	ug/L	SW846 8270C	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	1,2,4-Trichlorobenzene	6	0.17		ug/L	SW846 8270C	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	2-Methylnaphthalene	0.21	0.039	U	ug/L	SW846 8270C	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Bis(2-ethylhexyl) phthalate	2.1	1.6	U	ug/L	SW846 8270C	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Naphthalene	0.21	0.045	U	ug/L	SW846 8270C	
240-37266-02	MW-23-2014-S	5/12/2014	10:20	Pentachlorophenol	42	5.7	U	ug/L	SW846 8270C	
240-37266-03	MW-13-2014-S	5/12/2014	10:55	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37266-03	MW-13-2014-S	5/12/2014	10:55	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37266-03	MW-13-2014-S	5/12/2014	10:55	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37266-03	MW-13-2014-S	5/12/2014	10:55	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37266-03	MW-13-2014-S	5/12/2014	10:55	1,1,2-Trichloroethane	2.5	0.68	U	ug/L	SW846 8260B	
240-37266-03	MW-13-2014-S	5/12/2014	10:55	1,1-Dichloroethene	2.5	0.48	U	ug/L	SW846 8260B	
240-37266-03	MW-13-2014-S	5/12/2014	10:55	1,2-Dichloroethane	2.5	0.55	U	ug/L	SW846 8260B	
240-37266-03	MW-13-2014-S	5/12/2014	10:55	Benzene	2.5	0.33	U	ug/L	SW846 8260B	
240-37266-03	MW-13-2014-S	5/12/2014	10:55	cis-1,2-Dichloroethene	51	0.43		ug/L	SW846 8260B	
240-37266-03	MW-13-2014-S	5/12/2014	10:55	Tetrachloroethene	2.5	0.73	U	ug/L	SW846 8260B	
240-37266-03	MW-13-2014-S	5/12/2014	10:55	Toluene	2.5	0.33	U	ug/L	SW846 8260B	
240-37266-03	MW-13-2014-S	5/12/2014	10:55	Trichloroethene	35	0.43		ug/L	SW846 8260B	
240-37266-03	MW-13-2014-S	5/12/2014	10:55	Vinyl chloride	2.5	0.55	U	ug/L	SW846 8260B	
240-37266-04	MW-16-2014-S	5/12/2014	11:30	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37266-04	MW-16-2014-S	5/12/2014	11:30	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37266-04	MW-16-2014-S	5/12/2014	11:30	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37266-04	MW-16-2014-S	5/12/2014	11:30	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37266-04	MW-16-2014-S	5/12/2014	11:30	1,1,2-Trichloroethane	25	6.8	U	ug/L	SW846 8260B	
240-37266-04	MW-16-2014-S	5/12/2014	11:30	1,1-Dichloroethene	25	4.8	U	ug/L	SW846 8260B	
240-37266-04	MW-16-2014-S	5/12/2014	11:30	1,2-Dichloroethane	25	5.5	U	ug/L	SW846 8260B	
240-37266-04	MW-16-2014-S	5/12/2014	11:30	Benzene	25	3.3	U	ug/L	SW846 8260B	
240-37266-04	MW-16-2014-S	5/12/2014	11:30	cis-1,2-Dichloroethene	590	4.3		ug/L	SW846 8260B	
240-37266-04	MW-16-2014-S	5/12/2014	11:30	Tetrachloroethene	25	7.3	U	ug/L	SW846 8260B	
240-37266-04	MW-16-2014-S	5/12/2014	11:30	Toluene	25	3.3	U	ug/L	SW846 8260B	

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37266-04	MW-16-2014-S	5/12/2014	11:30	Trichloroethene	600	4.3		ug/L	SW846 8260B	
240-37266-04	MW-16-2014-S	5/12/2014	11:30	Vinyl chloride	41	5.5		ug/L	SW846 8260B	
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Arsenic	10	3.2	U	ug/L	SW846 6010B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Chromium	9.8	2.2		ug/L	SW846 6010B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Lead	3	1.9	U	ug/L	SW846 6010B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Selenium	5	4.1	U	ug/L	SW846 6010B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	1,1,1-Trichloroethane	1	0.22	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	1,1-Dichloroethane	1	0.15	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	1,2-Dichloropropane	1	0.18	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Acetone	10	1.1	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Benzene	1	0.13	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Carbon disulfide	1	0.13	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Chloroethane	1	0.29	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Ethylbenzene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Methylene Chloride	1	0.33	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Toluene	1	0.13	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	trans-1,2-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Xylenes, Total	2	0.14	U	ug/L	SW846 8260B	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	1,2,4,5-Tetrachlorobenzene	1	0.15	U	ug/L	SW846 8270C	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	1,2,4-Trichlorobenzene	1	0.16	U	ug/L	SW846 8270C	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	2-Methylnaphthalene	0.2	0.037	U	ug/L	SW846 8270C	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Bis(2-ethylhexyl) phthalate	2	1.5	U	ug/L	SW846 8270C	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Naphthalene	0.2	0.043	U	ug/L	SW846 8270C	Equipment Blank
240-37266-05	EB-501-2014-S	5/12/2014	12:00	Pentachlorophenol	40	5.5	U	ug/L	SW846 8270C	Equipment Blank
240-37266-06	MW-54-2014-S	5/12/2014	12:40	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37266-06	MW-54-2014-S	5/12/2014	12:40	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37266-06	MW-54-2014-S	5/12/2014	12:40	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37266-06	MW-54-2014-S	5/12/2014	12:40	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37266-06	MW-54-2014-S	5/12/2014	12:40	1,1,2-Trichloroethane	50	14	U	ug/L	SW846 8260B	
240-37266-06	MW-54-2014-S	5/12/2014	12:40	1,1-Dichloroethene	50	9.5	U	ug/L	SW846 8260B	
240-37266-06	MW-54-2014-S	5/12/2014	12:40	1,2-Dichloroethane	50	11	U	ug/L	SW846 8260B	
240-37266-06	MW-54-2014-S	5/12/2014	12:40	Benzene	50	6.5	U	ug/L	SW846 8260B	
240-37266-06	MW-54-2014-S	5/12/2014	12:40	cis-1,2-Dichloroethene	410	8.5		ug/L	SW846 8260B	
240-37266-06	MW-54-2014-S	5/12/2014	12:40	Tetrachloroethene	50	15	U	ug/L	SW846 8260B	
240-37266-06	MW-54-2014-S	5/12/2014	12:40	Toluene	50	6.5	U	ug/L	SW846 8260B	

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37266-06	MW-54-2014-S	5/12/2014	12:40	Trichloroethene	1200	8.5		ug/L	SW846 8260B	
240-37266-06	MW-54-2014-S	5/12/2014	12:40	Vinyl chloride	68	11		ug/L	SW846 8260B	
240-37266-07	MW-10-2014-S	5/12/2014	14:00	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37266-07	MW-10-2014-S	5/12/2014	14:00	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37266-07	MW-10-2014-S	5/12/2014	14:00	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37266-07	MW-10-2014-S	5/12/2014	14:00	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37266-07	MW-10-2014-S	5/12/2014	14:00	1,1,2-Trichloroethane	2	0.54	U	ug/L	SW846 8260B	
240-37266-07	MW-10-2014-S	5/12/2014	14:00	1,1-Dichloroethene	2	0.38	U	ug/L	SW846 8260B	
240-37266-07	MW-10-2014-S	5/12/2014	14:00	1,2-Dichloroethane	2	0.44	U	ug/L	SW846 8260B	
240-37266-07	MW-10-2014-S	5/12/2014	14:00	Benzene	2	0.26	U	ug/L	SW846 8260B	
240-37266-07	MW-10-2014-S	5/12/2014	14:00	cis-1,2-Dichloroethene	41	0.34		ug/L	SW846 8260B	
240-37266-07	MW-10-2014-S	5/12/2014	14:00	Tetrachloroethene	2	0.58	U	ug/L	SW846 8260B	
240-37266-07	MW-10-2014-S	5/12/2014	14:00	Toluene	2	0.26	U	ug/L	SW846 8260B	
240-37266-07	MW-10-2014-S	5/12/2014	14:00	Trichloroethene	51	0.34		ug/L	SW846 8260B	
240-37266-07	MW-10-2014-S	5/12/2014	14:00	Vinyl chloride	2	0.44	U	ug/L	SW846 8260B	
240-37266-08	MW-9-2014-S	5/12/2014	16:10	Arsenic	10	3.2	U	ug/L	SW846 6010B	
240-37266-08	MW-9-2014-S	5/12/2014	16:10	Chromium	5	2.2	U	ug/L	SW846 6010B	
240-37266-08	MW-9-2014-S	5/12/2014	16:10	Lead	3	1.9	U	ug/L	SW846 6010B	
240-37266-08	MW-9-2014-S	5/12/2014	16:10	Cr (VI)	0.02	0.0019	U	mg/L	SW846 7196A	
240-37266-08	MW-9-2014-S	5/12/2014	16:10	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	
240-37266-08	MW-9-2014-S	5/12/2014	16:10	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37266-08	MW-9-2014-S	5/12/2014	16:10	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37266-08	MW-9-2014-S	5/12/2014	16:10	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-37266-08	MW-9-2014-S	5/12/2014	16:10	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	
240-37266-08	MW-9-2014-S	5/12/2014	16:10	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-37266-08	MW-9-2014-S	5/12/2014	16:10	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-37266-08	MW-9-2014-S	5/12/2014	16:10	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	
240-37266-08	MW-9-2014-S	5/12/2014	16:10	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	
240-37266-09	TB-501-2014S	5/12/2014	0:00	1,1,1-Trichloroethane	1	0.22	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	1,1-Dichloroethane	1	0.15	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	1,2-Dichloropropane	1	0.18	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	Acetone	10	1.1	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	Benzene	1	0.13	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	Carbon disulfide	1	0.13	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	Chloroethane	1	0.29	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	Ethylbenzene	1	0.17	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	Methylene Chloride	1	0.33	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	Toluene	1	0.13	U	ug/L	SW846 8260B	Trip Blank

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37266-09	TB-501-2014S	5/12/2014	0:00	trans-1,2-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	Trip Blank
240-37266-09	TB-501-2014S	5/12/2014	0:00	Xylenes, Total	2	0.14	U	ug/L	SW846 8260B	Trip Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	1,1,1-Trichloroethane	1	0.22	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	1,1-Dichloroethane	1	0.15	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	1,2,4-Trimethylbenzene	1	0.12	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	1,2-Dichloropropane	1	0.18	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	Acetone	10	1.1	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	Benzene	1	0.13	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	Carbon disulfide	1	0.13	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	Chloroethane	1	0.29	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	Ethylbenzene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	Methylene Chloride	1	0.33	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	Toluene	1	0.13	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	trans-1,2-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	Equipment Blank
240-37489-01	EB-601-051514	5/15/2014	7:30	Xylenes, Total	2	0.14	U	ug/L	SW846 8260B	Equipment Blank
240-37489-02	FD-601-051514	5/15/2014	7:15	1,1,1-Trichloroethane	67	15	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	1,1,2-Trichloroethane	67	18	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	1,1-Dichloroethane	67	10	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	1,1-Dichloroethene	67	13	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	1,2,4-Trimethylbenzene	67	8	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	1,2-Dichloroethane	67	15	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	1,2-Dichloropropane	67	12	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	Acetone	670	73	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	Benzene	67	8.7	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	Carbon disulfide	67	8.7	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	Chloroethane	67	19	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	cis-1,2-Dichloroethene	4000	11	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	Ethylbenzene	67	11	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	Methylene Chloride	67	22	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	Tetrachloroethene	67	19	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	Toluene	67	8.7	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	trans-1,2-Dichloroethene	290	13	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	Trichloroethene	230	11	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-02	FD-601-051514	5/15/2014	7:15	Vinyl chloride	260	15	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37489-02	FD-601-051514	5/15/2014	7:15	Xylenes, Total	130	9.3	U	ug/L	SW846 8260B	Field Duplicate of VP-101 (aqueous)
240-37489-03	VP-101-051514	5/15/2014	7:45	1,1,1-Trichloroethane	67	15	U	ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	1,1,2-Trichloroethane	67	18	U	ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	1,1-Dichloroethane	67	10	U	ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	1,1-Dichloroethene	67	13	U	ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	1,2,4-Trimethylbenzene	67	8	U	ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	1,2-Dichloroethane	67	15	U	ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	1,2-Dichloropropane	67	12	U	ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	Acetone	670	73	U	ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	Benzene	67	8.7	U	ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	Carbon disulfide	67	8.7	U	ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	Chloroethane	67	19	U	ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	cis-1,2-Dichloroethene	3800	11		ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	Ethylbenzene	67	11	U	ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	Methylene Chloride	67	22	U	ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	Tetrachloroethene	67	19	U	ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	Toluene	67	8.7	U	ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	trans-1,2-Dichloroethene	270	13		ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	Trichloroethene	240	11		ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	Vinyl chloride	240	15		ug/L	SW846 8260B	
240-37489-03	VP-101-051514	5/15/2014	7:45	Xylenes, Total	130	9.3	U	ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	1,1,1-Trichloroethane	2	0.44	U	ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	1,1,2-Trichloroethane	2	0.54	U	ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	1,1-Dichloroethane	2	0.3	U	ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	1,1-Dichloroethene	2	0.38	U	ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	1,2,4-Trimethylbenzene	2	0.24	U	ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	1,2-Dichloroethane	2	0.44	U	ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	1,2-Dichloropropane	2	0.36	U	ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	Acetone	20	2.2	U	ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	Benzene	2	0.26	U	ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	Carbon disulfide	2	0.26	U	ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	Chloroethane	2	0.58	U	ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	cis-1,2-Dichloroethene	38	0.34		ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	Ethylbenzene	2	0.34	U	ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	Methylene Chloride	2	0.66	U	ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	Tetrachloroethene	2	0.58	U	ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	Toluene	2	0.26	U	ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	trans-1,2-Dichloroethene	3	0.38		ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	Trichloroethene	11	0.34		ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	Vinyl chloride	4.6	0.44		ug/L	SW846 8260B	
240-37489-04	VP-103-051514	5/15/2014	8:00	Xylenes, Total	4	0.28	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	1,1,1-Trichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37489-05	VP-108-051514	5/15/2014	8:15	1,1-Dichloroethane	1	0.15	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	1,2,4-Trimethylbenzene	1	0.12	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	1,2-Dichloropropane	1	0.18	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	Acetone	10	1.1	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	Carbon disulfide	1	0.13	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	Chloroethane	1	0.29	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	Ethylbenzene	1	0.17	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	Methylene Chloride	1	0.33	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	trans-1,2-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	
240-37489-05	VP-108-051514	5/15/2014	8:15	Xylenes, Total	2	0.14	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	1,1,1-Trichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	1,1-Dichloroethane	1	0.15	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	1,2,4-Trimethylbenzene	1	0.12	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	1,2-Dichloropropane	1	0.18	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	Acetone	10	1.1	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	Carbon disulfide	1	0.13	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	Chloroethane	1	0.29	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	Ethylbenzene	1	0.17	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	Methylene Chloride	1	0.33	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	trans-1,2-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	
240-37489-06	VP-107-051514	5/15/2014	8:20	Xylenes, Total	2	0.14	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	1,1,1-Trichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	1,1-Dichloroethane	1	0.15	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	1,2,4-Trimethylbenzene	1	0.12	U	ug/L	SW846 8260B	

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37489-07	VP-110-051514	5/15/2014	8:25	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	1,2-Dichloropropane	1	0.18	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	Acetone	10	1.1	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	Carbon disulfide	1	0.13	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	Chloroethane	1	0.29	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	Ethylbenzene	1	0.17	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	Methylene Chloride	1	0.33	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	trans-1,2-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	
240-37489-07	VP-110-051514	5/15/2014	8:25	Xylenes, Total	2	0.14	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	1,1,1-Trichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	1,1-Dichloroethane	1	0.15	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	1,2,4-Trimethylbenzene	1	0.12	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	1,2-Dichloropropane	1	0.18	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	Acetone	10	1.1	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	Carbon disulfide	1	0.13	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	Chloroethane	1	0.29	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	cis-1,2-Dichloroethene	17	0.17		ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	Ethylbenzene	1	0.17	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	Methylene Chloride	1	0.33	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	trans-1,2-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	Trichloroethene	7.1	0.17		ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	
240-37489-08	VP-106-051514	5/15/2014	8:35	Xylenes, Total	2	0.14	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	1,1,1-Trichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	1,1-Dichloroethane	1	0.15	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	1,2,4-Trimethylbenzene	1	0.12	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	1,2-Dichloropropane	1	0.18	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	Acetone	10	1.1	U	ug/L	SW846 8260B	

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LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37489-09	VP-112-051514	5/15/2014	8:45	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	Carbon disulfide	1	0.13	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	Chloroethane	1	0.29	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	Ethylbenzene	1	0.17	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	Methylene Chloride	1	0.33	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	trans-1,2-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	
240-37489-09	VP-112-051514	5/15/2014	8:45	Xylenes, Total	2	0.14	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	1,1,1-Trichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	1,1-Dichloroethane	1	0.15	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	1,2,4-Trimethylbenzene	1	0.12	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	1,2-Dichloropropane	1	0.18	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	Acetone	10	1.1	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	Benzene	1	0.13	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	Carbon disulfide	1	0.13	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	Chloroethane	1	0.29	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	cis-1,2-Dichloroethene	3.5	0.17		ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	Ethylbenzene	1	0.17	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	Methylene Chloride	1	0.33	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	Toluene	1	0.13	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	trans-1,2-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	Trichloroethene	3.2	0.17		ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	
240-37489-10	VP-114-051514	5/15/2014	8:50	Xylenes, Total	2	0.14	U	ug/L	SW846 8260B	
240-37489-11	MW-48-2014-SR	5/15/2014	10:15	1,1,2-Trichloroethane	130	36	U	ug/L	SW846 8260B	Resample of MW-48-2014-S for VOCs
240-37489-11	MW-48-2014-SR	5/15/2014	10:15	1,1-Dichloroethene	130	25	U	ug/L	SW846 8260B	Resample of MW-48-2014-S for VOCs
240-37489-11	MW-48-2014-SR	5/15/2014	10:15	1,2-Dichloroethane	130	29	U	ug/L	SW846 8260B	Resample of MW-48-2014-S for VOCs
240-37489-11	MW-48-2014-SR	5/15/2014	10:15	Benzene	130	17	U	ug/L	SW846 8260B	Resample of MW-48-2014-S for VOCs
240-37489-11	MW-48-2014-SR	5/15/2014	10:15	cis-1,2-Dichloroethene	2500	23		ug/L	SW846 8260B	Resample of MW-48-2014-S for VOCs
240-37489-11	MW-48-2014-SR	5/15/2014	10:15	Tetrachloroethene	130	39	U	ug/L	SW846 8260B	Resample of MW-48-2014-S for VOCs
240-37489-11	MW-48-2014-SR	5/15/2014	10:15	Toluene	130	17	U	ug/L	SW846 8260B	Resample of MW-48-2014-S for VOCs
240-37489-11	MW-48-2014-SR	5/15/2014	10:15	Trichloroethene	8300	23		ug/L	SW846 8260B	Resample of MW-48-2014-S for VOCs
240-37489-11	MW-48-2014-SR	5/15/2014	10:15	Vinyl chloride	290	29		ug/L	SW846 8260B	Resample of MW-48-2014-S for VOCs
240-37489-12	MW-47-2014-SR	5/15/2014	10:45	1,1,2-Trichloroethane	1.4	0.39	U	ug/L	SW846 8260B	Resample of MW-47-2014-S for VOCs
240-37489-12	MW-47-2014-SR	5/15/2014	10:45	1,1-Dichloroethene	1.4	0.27	U	ug/L	SW846 8260B	Resample of MW-47-2014-S for VOCs

**Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014**

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37489-12	MW-47-2014-SR	5/15/2014	10:45	1,2-Dichloroethane	1.4	0.31	U	ug/L	SW846 8260B	Resample of MW-47-2014-S for VOCs
240-37489-12	MW-47-2014-SR	5/15/2014	10:45	Benzene	1.4	0.19	U	ug/L	SW846 8260B	Resample of MW-47-2014-S for VOCs
240-37489-12	MW-47-2014-SR	5/15/2014	10:45	cis-1,2-Dichloroethene	34	0.24		ug/L	SW846 8260B	Resample of MW-47-2014-S for VOCs
240-37489-12	MW-47-2014-SR	5/15/2014	10:45	Tetrachloroethene	1.4	0.41	U	ug/L	SW846 8260B	Resample of MW-47-2014-S for VOCs
240-37489-12	MW-47-2014-SR	5/15/2014	10:45	Toluene	1.4	0.19	U	ug/L	SW846 8260B	Resample of MW-47-2014-S for VOCs
240-37489-12	MW-47-2014-SR	5/15/2014	10:45	Trichloroethene	5.6	0.24		ug/L	SW846 8260B	Resample of MW-47-2014-S for VOCs
240-37489-12	MW-47-2014-SR	5/15/2014	10:45	Vinyl chloride	15	0.31		ug/L	SW846 8260B	Resample of MW-47-2014-S for VOCs
240-37489-13	TB-701-2014SR	5/15/2014	0:00	1,1,1-Trichloroethane	1	0.22	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	1,1,2-Trichloroethane	1	0.27	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	1,1-Dichloroethane	1	0.15	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	1,1-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	1,2,4-Trimethylbenzene	1	0.12	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	1,2-Dichloroethane	1	0.22	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	1,2-Dichloropropane	1	0.18	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	Acetone	10	1.1	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	Benzene	1	0.13	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	Carbon disulfide	1	0.13	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	Chloroethane	1	0.29	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	cis-1,2-Dichloroethene	1	0.17	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	Ethylbenzene	1	0.17	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	Methylene Chloride	1	0.33	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	Tetrachloroethene	1	0.29	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	Toluene	1	0.13	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	trans-1,2-Dichloroethene	1	0.19	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	Trichloroethene	1	0.17	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	Vinyl chloride	1	0.22	U	ug/L	SW846 8260B	Trip Blank
240-37489-13	TB-701-2014SR	5/15/2014	0:00	Xylenes, Total	2	0.14	U	ug/L	SW846 8260B	Trip Blank
240-37510-01	VP-3-051114	5/11/2014	18:48	1,1,2-Trichloroethane	0.81	0.22	U	ppb v/v	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	1,1,2-Trichloroethane	4.4	1.2	U	ug/m3	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	1,1-Dichloroethene	3.2	0.54	U	ug/m3	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	1,1-Dichloroethene	0.81	0.14	U	ppb v/v	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	1,2,4-Trimethylbenzene	4	1.2	U	ug/m3	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	1,2,4-Trimethylbenzene	0.81	0.25	U	ppb v/v	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	1,2-Dichloroethane	0.81	0.19	U	ppb v/v	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	1,2-Dichloroethane	3.3	0.77	U	ug/m3	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	Benzene	0.81	0.23	U	ppb v/v	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	Benzene	2.6	0.72	U	ug/m3	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	cis-1,2-Dichloroethene	210	0.96		ug/m3	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	cis-1,2-Dichloroethene	52	0.24		ppb v/v	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	Ethylbenzene	0.81	0.27	U	ppb v/v	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	Ethylbenzene	3.5	1.2	U	ug/m3	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	Methylene Chloride	2	0.52	U	ppb v/v	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	Methylene Chloride	7	1.8	U	ug/m3	EPA TO-15	

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LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37510-01	VP-3-051114	5/11/2014	18:48	m-Xylene & p-Xylene	11	2.1		ug/m3	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	m-Xylene & p-Xylene	2.5	0.48		ppb v/v	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	o-Xylene	4.1	1.1		ug/m3	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	o-Xylene	0.94	0.25		ppb v/v	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	Tetrachloroethene	0.81	0.16	U	ppb v/v	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	Tetrachloroethene	5.5	1.1	U	ug/m3	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	Toluene	26	1.8		ug/m3	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	Toluene	6.8	0.48		ppb v/v	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	trans-1,2-Dichloroethene	3.2	0.8	U	ug/m3	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	trans-1,2-Dichloroethene	0.81	0.2	U	ppb v/v	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	Trichloroethene	88	0.14		ppb v/v	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	Trichloroethene	470	0.78		ug/m3	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	Vinyl chloride	0.81	0.29	U	ppb v/v	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	Vinyl chloride	2.1	0.73	U	ug/m3	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	Xylenes, Total	15	1.1		ug/m3	EPA TO-15	
240-37510-01	VP-3-051114	5/11/2014	18:48	Xylenes, Total	3.4	0.25		ppb v/v	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	1,1,2-Trichloroethane	1.1	0.29	U	ug/m3	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	1,1,2-Trichloroethane	0.2	0.054	U	ppb v/v	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	1,1-Dichloroethene	0.2	0.034	U	ppb v/v	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	1,1-Dichloroethene	0.79	0.13	U	ug/m3	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	1,2,4-Trimethylbenzene	1.4	0.31		ug/m3	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	1,2,4-Trimethylbenzene	0.29	0.063		ppb v/v	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	1,2-Dichloroethane	0.2	0.047	U	ppb v/v	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	1,2-Dichloroethane	0.81	0.19	U	ug/m3	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	Benzene	0.65	0.18		ug/m3	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	Benzene	0.2	0.056		ppb v/v	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	cis-1,2-Dichloroethene	0.79	0.24	U	ug/m3	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	cis-1,2-Dichloroethene	0.2	0.06	U	ppb v/v	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	Ethylbenzene	5.5	0.3		ug/m3	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	Ethylbenzene	1.3	0.068		ppb v/v	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	Methylene Chloride	0.5	0.13	U	ppb v/v	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	Methylene Chloride	1.7	0.45	U	ug/m3	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	m-Xylene & p-Xylene	4.9	0.12		ppb v/v	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	m-Xylene & p-Xylene	21	0.52		ug/m3	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	o-Xylene	8.7	0.26		ug/m3	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	o-Xylene	2	0.061		ppb v/v	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	Tetrachloroethene	1.4	0.27	U	ug/m3	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	Tetrachloroethene	0.2	0.04	U	ppb v/v	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	Toluene	27	0.45		ug/m3	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	Toluene	7.2	0.12		ppb v/v	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	trans-1,2-Dichloroethene	0.2	0.05	U	ppb v/v	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	trans-1,2-Dichloroethene	0.79	0.2	U	ug/m3	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	Trichloroethene	1.9	0.19		ug/m3	EPA TO-15	

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LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37510-02	VP-11-051114	5/11/2014	19:00	Trichloroethene	0.35	0.036		ppb v/v	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	Vinyl chloride	0.51	0.18	U	ug/m3	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	Vinyl chloride	0.2	0.071	U	ppb v/v	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	Xylenes, Total	30	0.26		ug/m3	EPA TO-15	
240-37510-02	VP-11-051114	5/11/2014	19:00	Xylenes, Total	6.9	0.061		ppb v/v	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	1,1,2-Trichloroethane	8.7	2.4	U	ug/m3	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	1,1,2-Trichloroethane	1.6	0.43	U	ppb v/v	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	1,1-Dichloroethene	6.3	1.1	U	ug/m3	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	1,1-Dichloroethene	1.6	0.27	U	ppb v/v	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	1,2,4-Trimethylbenzene	1.6	0.5	U	ppb v/v	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	1,2,4-Trimethylbenzene	7.9	2.5	U	ug/m3	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	1,2-Dichloroethane	6.5	1.5	U	ug/m3	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	1,2-Dichloroethane	1.6	0.38	U	ppb v/v	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	Benzene	1.6	0.45	U	ppb v/v	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	Benzene	5.1	1.4	U	ug/m3	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	cis-1,2-Dichloroethene	23	1.9		ug/m3	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	cis-1,2-Dichloroethene	5.7	0.48		ppb v/v	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	Ethylbenzene	6.9	2.4	U	ug/m3	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	Ethylbenzene	1.6	0.54	U	ppb v/v	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	Methylene Chloride	4	1	U	ppb v/v	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	Methylene Chloride	14	3.6	U	ug/m3	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	m-Xylene & p-Xylene	2.3	0.96		ppb v/v	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	m-Xylene & p-Xylene	9.8	4.2		ug/m3	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	o-Xylene	1.6	0.49	U	ppb v/v	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	o-Xylene	6.9	2.1	U	ug/m3	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	Tetrachloroethene	1.6	0.32	U	ppb v/v	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	Tetrachloroethene	11	2.2	U	ug/m3	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	Toluene	18	3.6		ug/m3	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	Toluene	4.8	0.96		ppb v/v	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	trans-1,2-Dichloroethene	1.6	0.4	U	ppb v/v	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	trans-1,2-Dichloroethene	6.3	1.6	U	ug/m3	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	Trichloroethene	560	1.5		ug/m3	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	Trichloroethene	110	0.29		ppb v/v	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	Vinyl chloride	4.1	1.5	U	ug/m3	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	Vinyl chloride	1.6	0.57	U	ppb v/v	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	Xylenes, Total	14	2.1	U	ug/m3	EPA TO-15	
240-37510-03	VP-107-051414	5/11/2014	13:46	Xylenes, Total	3.2	0.49	U	ppb v/v	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	1,1,2-Trichloroethane	1.1	0.29	U	ug/m3	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	1,1,2-Trichloroethane	0.2	0.054	U	ppb v/v	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	1,1-Dichloroethene	0.79	0.13	U	ug/m3	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	1,1-Dichloroethene	0.2	0.034	U	ppb v/v	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	1,2,4-Trimethylbenzene	0.98	0.31	U	ug/m3	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	1,2,4-Trimethylbenzene	0.2	0.063	U	ppb v/v	EPA TO-15	

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37510-04	VP-110-051414	5/14/2014	12:25	1,2-Dichloroethane	0.81	0.19	U	ug/m3	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	1,2-Dichloroethane	0.2	0.047	U	ppb v/v	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	Benzene	0.2	0.056	U	ppb v/v	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	Benzene	0.64	0.18	U	ug/m3	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	cis-1,2-Dichloroethene	4.5	0.06		ppb v/v	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	cis-1,2-Dichloroethene	18	0.24		ug/m3	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	Ethylbenzene	2	0.3		ug/m3	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	Ethylbenzene	0.46	0.068		ppb v/v	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	Methylene Chloride	1.7	0.45	U	ug/m3	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	Methylene Chloride	0.5	0.13	U	ppb v/v	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	m-Xylene & p-Xylene	8.3	0.52		ug/m3	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	m-Xylene & p-Xylene	1.9	0.12		ppb v/v	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	o-Xylene	0.7	0.061		ppb v/v	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	o-Xylene	3	0.26		ug/m3	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	Tetrachloroethene	0.2	0.04	U	ppb v/v	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	Tetrachloroethene	1.4	0.27	U	ug/m3	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	Toluene	4.1	0.12		ppb v/v	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	Toluene	15	0.45		ug/m3	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	trans-1,2-Dichloroethene	2.1	0.2		ug/m3	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	trans-1,2-Dichloroethene	0.52	0.05		ppb v/v	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	Trichloroethene	100	0.19		ug/m3	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	Trichloroethene	19	0.036		ppb v/v	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	Vinyl chloride	0.49	0.071		ppb v/v	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	Vinyl chloride	1.3	0.18		ug/m3	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	Xylenes, Total	11	0.26		ug/m3	EPA TO-15	
240-37510-04	VP-110-051414	5/14/2014	12:25	Xylenes, Total	2.6	0.061		ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	1,1,2-Trichloroethane	22	5.9	U	ug/m3	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	1,1,2-Trichloroethane	4	1.1	U	ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	1,1-Dichloroethene	4	0.68	U	ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	1,1-Dichloroethene	16	2.7	U	ug/m3	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	1,2,4-Trimethylbenzene	20	6.2	U	ug/m3	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	1,2,4-Trimethylbenzene	4	1.3	U	ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	1,2-Dichloroethane	4	0.94	U	ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	1,2-Dichloroethane	16	3.8	U	ug/m3	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	Benzene	4	1.1	U	ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	Benzene	13	3.6	U	ug/m3	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	cis-1,2-Dichloroethene	110	1.2		ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	cis-1,2-Dichloroethene	460	4.8		ug/m3	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	Ethylbenzene	4	1.4	U	ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	Ethylbenzene	17	5.9	U	ug/m3	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	Methylene Chloride	10	2.6	U	ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	Methylene Chloride	35	9	U	ug/m3	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	m-Xylene & p-Xylene	17	10	U	ug/m3	EPA TO-15	

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37510-05	VP-106-051414	5/14/2014	13:56	m-Xylene & p-Xylene	4	2.4	U	ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	o-Xylene	4	1.2	U	ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	o-Xylene	17	5.3	U	ug/m3	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	Tetrachloroethene	27	5.4	U	ug/m3	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	Tetrachloroethene	4	0.8	U	ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	Toluene	15	9		ug/m3	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	Toluene	4.1	2.4		ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	trans-1,2-Dichloroethene	4	1	U	ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	trans-1,2-Dichloroethene	16	4	U	ug/m3	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	Trichloroethene	2900	3.9		ug/m3	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	Trichloroethene	550	0.72		ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	Vinyl chloride	10	3.6	U	ug/m3	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	Vinyl chloride	4	1.4	U	ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	Xylenes, Total	8	1.2	U	ppb v/v	EPA TO-15	
240-37510-05	VP-106-051414	5/14/2014	13:56	Xylenes, Total	35	5.3	U	ug/m3	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	1,1,2-Trichloroethane	0.2	0.054	U	ppb v/v	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	1,1,2-Trichloroethane	1.1	0.29	U	ug/m3	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	1,1-Dichloroethene	0.2	0.034	U	ppb v/v	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	1,1-Dichloroethene	0.79	0.13	U	ug/m3	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	1,2,4-Trimethylbenzene	1.1	0.31		ug/m3	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	1,2,4-Trimethylbenzene	0.23	0.063		ppb v/v	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	1,2-Dichloroethane	0.81	0.19	U	ug/m3	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	1,2-Dichloroethane	0.2	0.047	U	ppb v/v	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	Benzene	0.67	0.18		ug/m3	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	Benzene	0.21	0.056		ppb v/v	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	cis-1,2-Dichloroethene	0.2	0.06	U	ppb v/v	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	cis-1,2-Dichloroethene	0.79	0.24	U	ug/m3	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	Ethylbenzene	0.71	0.068		ppb v/v	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	Ethylbenzene	3.1	0.3		ug/m3	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	Methylene Chloride	1.7	0.45	U	ug/m3	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	Methylene Chloride	0.5	0.13	U	ppb v/v	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	m-Xylene & p-Xylene	2.9	0.12		ppb v/v	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	m-Xylene & p-Xylene	13	0.52		ug/m3	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	o-Xylene	1	0.061		ppb v/v	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	o-Xylene	4.6	0.26		ug/m3	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	Tetrachloroethene	1.4	0.27	U	ug/m3	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	Tetrachloroethene	0.2	0.04	U	ppb v/v	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	Toluene	25	0.45		ug/m3	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	Toluene	6.6	0.12		ppb v/v	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	trans-1,2-Dichloroethene	0.2	0.05	U	ppb v/v	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	trans-1,2-Dichloroethene	0.79	0.2	U	ug/m3	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	Trichloroethene	1.6	0.19		ug/m3	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	Trichloroethene	0.29	0.036		ppb v/v	EPA TO-15	

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37510-06	VP-108-051414	5/14/2014	13:04	Vinyl chloride	0.2	0.071	U	ppb v/v	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	Vinyl chloride	0.51	0.18	U	ug/m3	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	Xylenes, Total	3.9	0.061		ppb v/v	EPA TO-15	
240-37510-06	VP-108-051414	5/14/2014	13:04	Xylenes, Total	17	0.26		ug/m3	EPA TO-15	
240-37510-07	FD-101-051414	5/14/2014	13:00	1,1,2-Trichloroethane	4	1.1	U	ppb v/v	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	1,1,2-Trichloroethane	22	5.9	U	ug/m3	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	1,1-Dichloroethene	4	0.68	U	ppb v/v	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	1,1-Dichloroethene	16	2.7	U	ug/m3	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	1,2,4-Trimethylbenzene	20	6.2	U	ug/m3	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	1,2,4-Trimethylbenzene	4	1.3	U	ppb v/v	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	1,2-Dichloroethane	16	3.8	U	ug/m3	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	1,2-Dichloroethane	4	0.94	U	ppb v/v	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	Benzene	4	1.1	U	ppb v/v	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	Benzene	13	3.6	U	ug/m3	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	cis-1,2-Dichloroethene	120	1.2		ppb v/v	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	cis-1,2-Dichloroethene	470	4.8		ug/m3	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	Ethylbenzene	4	1.4	U	ppb v/v	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	Ethylbenzene	17	5.9	U	ug/m3	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	Methylene Chloride	10	2.6	U	ppb v/v	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	Methylene Chloride	35	9	U	ug/m3	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	m-Xylene & p-Xylene	17	10	U	ug/m3	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	m-Xylene & p-Xylene	4	2.4	U	ppb v/v	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	o-Xylene	4	1.2	U	ppb v/v	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	o-Xylene	17	5.3	U	ug/m3	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	Tetrachloroethene	4	0.8	U	ppb v/v	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	Tetrachloroethene	27	5.4	U	ug/m3	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	Toluene	4.5	2.4		ppb v/v	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	Toluene	17	9		ug/m3	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	trans-1,2-Dichloroethene	4	1	U	ppb v/v	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	trans-1,2-Dichloroethene	16	4	U	ug/m3	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	Trichloroethene	570	0.72		ppb v/v	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	Trichloroethene	3100	3.9		ug/m3	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	Vinyl chloride	4	1.4	U	ppb v/v	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	Vinyl chloride	10	3.6	U	ug/m3	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	Xylenes, Total	8	1.2	U	ppb v/v	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-07	FD-101-051414	5/14/2014	13:00	Xylenes, Total	35	5.3	U	ug/m3	EPA TO-15	Field Duplicate of VP-105-051414 (air)
240-37510-08	VP-114-051414	5/14/2014	14:30	1,1,2-Trichloroethane	0.2	0.054	U	ppb v/v	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	1,1,2-Trichloroethane	1.1	0.29	U	ug/m3	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	1,1-Dichloroethene	0.2	0.034	U	ppb v/v	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	1,1-Dichloroethene	0.79	0.13	U	ug/m3	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	1,2,4-Trimethylbenzene	1.1	0.31		ug/m3	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	1,2,4-Trimethylbenzene	0.22	0.063		ppb v/v	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	1,2-Dichloroethane	0.2	0.047	U	ppb v/v	EPA TO-15	

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37510-08	VP-114-051414	5/14/2014	14:30	1,2-Dichloroethane	0.81	0.19	U	ug/m3	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	Benzene	0.38	0.056		ppb v/v	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	Benzene	1.2	0.18		ug/m3	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	cis-1,2-Dichloroethene	81	0.24		ug/m3	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	cis-1,2-Dichloroethene	20	0.06		ppb v/v	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	Ethylbenzene	2.6	0.3		ug/m3	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	Ethylbenzene	0.6	0.068		ppb v/v	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	Methylene Chloride	2.9	0.45		ug/m3	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	Methylene Chloride	0.84	0.13		ppb v/v	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	m-Xylene & p-Xylene	2.5	0.12		ppb v/v	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	m-Xylene & p-Xylene	11	0.52		ug/m3	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	o-Xylene	0.9	0.061		ppb v/v	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	o-Xylene	3.9	0.26		ug/m3	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	Tetrachloroethene	0.2	0.04	U	ppb v/v	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	Tetrachloroethene	1.4	0.27	U	ug/m3	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	Toluene	21	0.45		ug/m3	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	Toluene	5.7	0.12		ppb v/v	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	trans-1,2-Dichloroethene	0.79	0.2	U	ug/m3	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	trans-1,2-Dichloroethene	0.2	0.05	U	ppb v/v	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	Trichloroethene	110	0.19		ug/m3	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	Trichloroethene	20	0.036		ppb v/v	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	Vinyl chloride	0.2	0.071	U	ppb v/v	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	Vinyl chloride	0.51	0.18	U	ug/m3	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	Xylenes, Total	3.4	0.061		ppb v/v	EPA TO-15	
240-37510-08	VP-114-051414	5/14/2014	14:30	Xylenes, Total	15	0.26		ug/m3	EPA TO-15	
240-37510-09	AB-101-051414	5/14/2014	14:11	1,1,2-Trichloroethane	1.1	0.29	U	ug/m3	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	1,1,2-Trichloroethane	0.2	0.054	U	ppb v/v	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	1,1-Dichloroethene	0.2	0.034	U	ppb v/v	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	1,1-Dichloroethene	0.79	0.13	U	ug/m3	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	1,2,4-Trimethylbenzene	0.2	0.063	U	ppb v/v	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	1,2,4-Trimethylbenzene	0.98	0.31	U	ug/m3	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	1,2-Dichloroethane	0.81	0.19	U	ug/m3	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	1,2-Dichloroethane	0.2	0.047	U	ppb v/v	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	Benzene	0.2	0.056	U	ppb v/v	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	Benzene	0.64	0.18	U	ug/m3	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	cis-1,2-Dichloroethene	0.2	0.06	U	ppb v/v	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	cis-1,2-Dichloroethene	0.79	0.24	U	ug/m3	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	Ethylbenzene	0.87	0.3	U	ug/m3	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	Ethylbenzene	0.2	0.068	U	ppb v/v	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	Methylene Chloride	1.7	0.45	U	ug/m3	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	Methylene Chloride	0.5	0.13	U	ppb v/v	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	m-Xylene & p-Xylene	0.2	0.12	U	ppb v/v	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	m-Xylene & p-Xylene	0.87	0.52	U	ug/m3	EPA TO-15	Ambient Blank - Air

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37510-09	AB-101-051414	5/14/2014	14:11	o-Xylene	0.2	0.061	U	ppb v/v	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	o-Xylene	0.87	0.26	U	ug/m3	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	Tetrachloroethene	1.4	0.27	U	ug/m3	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	Tetrachloroethene	0.2	0.04	U	ppb v/v	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	Toluene	0.2	0.12	U	ppb v/v	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	Toluene	0.75	0.45	U	ug/m3	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	trans-1,2-Dichloroethene	0.79	0.2	U	ug/m3	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	trans-1,2-Dichloroethene	0.2	0.05	U	ppb v/v	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	Trichloroethene	0.2	0.036	U	ppb v/v	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	Trichloroethene	1.1	0.19	U	ug/m3	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	Vinyl chloride	0.2	0.071	U	ppb v/v	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	Vinyl chloride	0.51	0.18	U	ug/m3	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	Xylenes, Total	1.7	0.26	U	ug/m3	EPA TO-15	Ambient Blank - Air
240-37510-09	AB-101-051414	5/14/2014	14:11	Xylenes, Total	0.4	0.061	U	ppb v/v	EPA TO-15	Ambient Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	1,1,2-Trichloroethane	0.2	0.054	U	ppb v/v	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	1,1,2-Trichloroethane	1.1	0.29	U	ug/m3	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	1,1-Dichloroethene	0.79	0.13	U	ug/m3	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	1,1-Dichloroethene	0.2	0.034	U	ppb v/v	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	1,2,4-Trimethylbenzene	0.98	0.31	U	ug/m3	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	1,2,4-Trimethylbenzene	0.2	0.063	U	ppb v/v	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	1,2-Dichloroethane	0.2	0.047	U	ppb v/v	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	1,2-Dichloroethane	0.81	0.19	U	ug/m3	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	Benzene	0.64	0.18	U	ug/m3	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	Benzene	0.2	0.056	U	ppb v/v	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	cis-1,2-Dichloroethene	0.2	0.06	U	ppb v/v	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	cis-1,2-Dichloroethene	0.79	0.24	U	ug/m3	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	Ethylbenzene	0.2	0.068	U	ppb v/v	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	Ethylbenzene	0.87	0.3	U	ug/m3	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	Methylene Chloride	0.5	0.13	U	ppb v/v	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	Methylene Chloride	1.7	0.45	U	ug/m3	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	m-Xylene & p-Xylene	0.2	0.12	U	ppb v/v	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	m-Xylene & p-Xylene	0.87	0.52	U	ug/m3	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	o-Xylene	0.2	0.061	U	ppb v/v	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	o-Xylene	0.87	0.26	U	ug/m3	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	Tetrachloroethene	0.2	0.04	U	ppb v/v	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	Tetrachloroethene	1.4	0.27	U	ug/m3	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	Toluene	0.2	0.12	U	ppb v/v	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	Toluene	0.75	0.45	U	ug/m3	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	trans-1,2-Dichloroethene	0.79	0.2	U	ug/m3	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	trans-1,2-Dichloroethene	0.2	0.05	U	ppb v/v	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	Trichloroethene	1.1	0.19	U	ug/m3	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	Trichloroethene	0.2	0.036	U	ppb v/v	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	Vinyl chloride	0.2	0.071	U	ppb v/v	EPA TO-15	Trip Blank - Air

**Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, May 2014**

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	MDL	Q	UNITS	METHOD	Comment
240-37510-10	TB-101-051414	5/14/2014	0:00	Vinyl chloride	0.51	0.18	U	ug/m3	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	Xylenes, Total	1.7	0.26	U	ug/m3	EPA TO-15	Trip Blank - Air
240-37510-10	TB-101-051414	5/14/2014	0:00	Xylenes, Total	0.4	0.061	U	ppb v/v	EPA TO-15	Trip Blank - Air

## Spring 2014 Laboratory Reports



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-36960-1

Client Project/Site: MERT-00070 Grenada

Revision: 1

For:

T&M Associates

4675 Lakehurst Court

Suite 250

Columbus, Ohio 43016

Attn: Jim Peeples



Authorized for release by:

6/9/2014 2:50:59 PM

Josh McKinney, Project Manager II

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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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# Definitions/Glossary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

### General Chemistry

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
H	Sample was prepped or analyzed beyond the specified holding time
F1	MS and/or MSD Recovery exceeds the control limits

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

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## Job ID: 240-36960-1

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### Laboratory: TestAmerica Canton

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#### Narrative

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#### Job Narrative 240-36960-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/7/2014 11:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.8° C and 3.6° C.

#### GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### General Chemistry

Method(s) 7196A: The following samples were received with less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: FD-01-2014-S (240-36960-4), MW-58-2014-S (240-36960-2), MW-59-2014-S (240-36960-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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#### Narrative

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#### Job Narrative 240-37050-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/8/2014 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8° C.

#### GC/MS VOA

Method(s) 8260B: The following sample(s) was unable to be prepared and/or analyzed because the sample vials were broken due to freezing while stored in MSV refrigerator : MW-47-2014-S (240-37050-3), MW-48-2014-S (240-37050-4). Samples to be re-collected by client.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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#### Narrative

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#### Job Narrative

# Case Narrative

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

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## Job ID: 240-36960-1 (Continued)

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### Laboratory: TestAmerica Canton (Continued)

240-37110-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/9/2014 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.0° C.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Narrative

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#### Job Narrative

240-37135-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/9/2014 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.2° C.

#### GC/MS Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Narrative

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#### Job Narrative

240-37154-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/9/2014 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4° C.

#### GC/MS VOA

Method(s) 8260B: The laboratory control sample (LCS) for batch <<131335>> recovered outside control limits for the following analyte(s): <<Chloroethane>>. Chloroethane has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### VOA Prep

# Case Narrative

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

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## Job ID: 240-36960-1 (Continued)

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### Laboratory: TestAmerica Canton (Continued)

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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#### Narrative

**Job Narrative**  
**240-37219-1**

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/10/2014 10:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.6° C.

#### GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### General Chemistry

Method(s) 7196A: The following sample(s) were received with insufficient time remaining to perform the analysis within holding time: MW-11-2014-S (240-37219-1), MW-7-2014-S (240-37219-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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#### Narrative

**Job Narrative**  
**240-37489-1**

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/17/2014 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.4° C.

#### GC/MS VOA

Method(s) 8260B: The method blank for batch <<131760>> contained <<Carbon disulfide>> above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method(s) 8260B: No Ms/Msd for batch 131760 due to analyst prep error.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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#### Narrative

**Job Narrative**  
**240-37510-1**

#### Comments

No additional comments.

## Case Narrative

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

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### Job ID: 240-36960-1 (Continued)

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#### Laboratory: TestAmerica Canton (Continued)

##### Receipt

The samples were received on 5/19/2014 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice.

##### Air - GC/MS VOA

Method(s) TO 14A, TO 15 LL, TO-14A, TO-15: EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by TestAmerica Knoxville.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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# Method Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

Method	Method Description	Protocol	Laboratory
8260A	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CAN
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL KNX
6010B	Metals (ICP)	SW846	TAL CAN
7196A	Chromium, Hexavalent	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN

**Protocol References:**

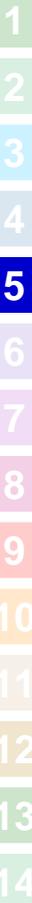
EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TAL KNX = TestAmerica Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000



# Sample Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-36960-1	MW-59-2014-S	Water	05/06/14 09:10	05/07/14 11:20
240-36960-2	MW-58-2014-S	Water	05/06/14 09:25	05/07/14 11:20
240-36960-3	MW-57-2014-S	Water	05/06/14 12:15	05/07/14 11:20
240-36960-4	FD-01-2014-S	Water	05/06/14 10:00	05/07/14 11:20
240-36960-5	MW-50-2014-S	Water	05/06/14 12:45	05/07/14 11:20
240-36960-6	MW-14-2014-S	Water	05/06/14 13:00	05/07/14 11:20
240-36960-7	MW-49-2014-S	Water	05/06/14 14:10	05/07/14 11:20
240-36960-8	MW-44-2014-S	Water	05/06/14 14:20	05/07/14 11:20
240-36960-9	MW-43-2014-S	Water	05/06/14 15:20	05/07/14 11:20
240-36960-10	MW-55-2014-S	Water	05/06/14 16:05	05/07/14 11:20
240-36960-11	MW-41-2014-S	Water	05/06/14 16:45	05/07/14 11:20
240-36960-12	MW-56-2014-S	Water	05/06/14 17:15	05/07/14 11:20
240-36960-13	MW-42-2014-S	Water	05/06/14 17:25	05/07/14 11:20
240-36960-14	EB-101-GW	Water	05/06/14 17:35	05/07/14 11:20
240-36960-15	TB-101-2014S	Water	05/06/14 00:00	05/07/14 11:20
240-37050-1	MW-45-2014-S	Water	05/07/14 10:50	05/08/14 08:00
240-37050-2	MW-46-2014-S	Water	05/07/14 11:35	05/08/14 08:00
240-37050-3	MW-47-2014-S	Water	05/07/14 08:30	05/08/14 08:00
240-37050-4	MW-48-2014-S	Water	05/07/14 09:20	05/08/14 08:00
240-37050-5	MW-51-2014-S	Water	05/07/14 09:50	05/08/14 08:00
240-37050-6	MW-52-2014-S	Water	05/07/14 09:05	05/08/14 08:00
240-37050-7	MW-12-2014-S	Water	05/07/14 15:30	05/08/14 08:00
240-37050-8	MW-20-2014-S	Water	05/07/14 15:40	05/08/14 08:00
240-37050-9	EB-201-2014-S	Water	05/07/14 16:00	05/08/14 08:00
240-37050-10	TB-201-2014S	Water	05/07/14 00:00	05/08/14 08:00
240-37110-1	RT-5-2014-S	Water	05/08/14 09:30	05/09/14 08:00
240-37110-2	RT-4-2014-S	Water	05/08/14 10:00	05/09/14 08:00
240-37110-3	RT-2-2014-S	Water	05/08/14 10:30	05/09/14 08:00
240-37110-4	RT-1-2014-S	Water	05/08/14 11:00	05/09/14 08:00
240-37110-5	FD-02-2014-S	Water	05/08/14 09:00	05/09/14 08:00
240-37110-6	SW-17-2014-S	Water	05/08/14 13:10	05/09/14 08:00
240-37110-7	SW-9-2014-S	Water	05/08/14 13:50	05/09/14 08:00
240-37110-8	SW-19-2014-S	Water	05/08/14 15:15	05/09/14 08:00
240-37110-9	SW-12-2014-S	Water	05/08/14 15:40	05/09/14 08:00
240-37110-10	SW-22-2014-S	Water	05/08/14 16:05	05/09/14 08:00
240-37110-11	FD-03-SN-2014S	Water	05/08/14 12:00	05/09/14 08:00
240-37110-12	EB-301-GW	Water	05/08/14 11:30	05/09/14 08:00
240-37110-13	EB-302-SW	Water	05/08/14 16:20	05/09/14 08:00
240-37110-14	EB-303-SD	Water	05/08/14 16:30	05/09/14 08:00
240-37110-15	SD-17-2014-S	Solid	05/08/14 13:15	05/09/14 08:00
240-37110-16	SD-9-2014-S	Solid	05/08/14 14:00	05/09/14 08:00
240-37110-17	SD-4-2014-S	Solid	05/08/14 15:20	05/09/14 08:00
240-37110-18	SD-12-2014-S	Solid	05/08/14 15:45	05/09/14 08:00
240-37110-19	SD-7-2014-S	Solid	05/08/14 16:10	05/09/14 08:00
240-37110-20	FD-04-SD-2014S	Solid	05/08/14 12:15	05/09/14 08:00
240-37135-1	RT-5-2014-S	Water	05/08/14 09:30	05/09/14 10:00
240-37135-2	RT-4-2014-S	Water	05/08/14 10:00	05/09/14 10:00
240-37135-3	RT-2-2014-S	Water	05/08/14 10:30	05/09/14 10:00
240-37135-4	RT-1-2014-S	Water	05/08/14 11:00	05/09/14 10:00
240-37135-5	FD-02-2014-S	Water	05/08/14 09:00	05/09/14 10:00
240-37135-6	SW-17-2014-S	Water	05/08/14 13:10	05/09/14 10:00
240-37135-7	SW-9-2014-S	Water	05/08/14 13:50	05/09/14 10:00
240-37135-8	SW-19-2014-S	Water	05/08/14 15:15	05/09/14 10:00

TestAmerica Canton

# Sample Summary

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-37135-9	SW-12-2014-S	Water	05/08/14 15:40	05/09/14 10:00
240-37135-10	SW-22-2014-S	Water	05/08/14 16:05	05/09/14 10:00
240-37135-11	FD-03-SW-2014-S	Water	05/08/14 12:00	05/09/14 10:00
240-37135-12	EB-301-GW	Water	05/08/14 11:30	05/09/14 10:00
240-37135-13	EB-302-SW	Water	05/08/14 16:20	05/09/14 10:00
240-37135-14	EB-303-SD	Water	05/08/14 16:30	05/09/14 10:00
240-37154-1	RT-5-2014-S	Water	05/08/14 09:30	05/09/14 10:00
240-37154-2	RT-4-2014-S	Water	05/08/14 10:00	05/09/14 10:00
240-37154-3	RT-2-2014-S	Water	05/08/14 10:30	05/09/14 10:00
240-37154-4	RT-1-2014-S	Water	05/08/14 11:00	05/09/14 10:00
240-37154-5	FD-02-2014-S	Water	05/08/14 09:00	05/09/14 10:00
240-37154-6	EB-301-GW	Water	05/08/14 11:30	05/09/14 10:00
240-37154-7	SW-17-2014-S	Water	05/08/14 13:10	05/09/14 10:00
240-37154-8	SW-9-2014-S	Water	05/08/14 13:50	05/09/14 10:00
240-37154-9	SW-19-2014-S	Water	05/08/14 15:15	05/09/14 10:00
240-37154-10	SW-12-2014-S	Water	05/08/14 15:40	05/09/14 10:00
240-37154-11	SW-22-2014-S	Water	05/08/14 16:05	05/09/14 10:00
240-37154-12	FD-03-SW-2014-S	Water	05/08/14 12:00	05/09/14 10:00
240-37154-13	TB-301-2014S	Water	05/08/14 00:00	05/09/14 10:00
240-37154-14	EB-302-SW	Water	05/08/14 16:20	05/09/14 10:00
240-37154-15	SD-17-2014-S	Solid	05/08/14 13:15	05/09/14 10:00
240-37154-16	SD-9-2014-S	Solid	05/08/14 14:00	05/09/14 10:00
240-37154-17	SD-4-2014-S	Solid	05/08/14 15:20	05/09/14 10:00
240-37154-18	SD-12-2014-S	Solid	05/08/14 15:45	05/09/14 10:00
240-37154-19	SD-7-2014-S	Solid	05/08/14 16:10	05/09/14 10:00
240-37154-20	FD-04-SD-2014-S	Solid	05/08/14 12:15	05/09/14 10:00
240-37154-21	EB-303-SD	Water	05/08/14 16:30	05/09/14 10:00
240-37219-1	MW-11-2014-S	Water	05/09/14 09:10	05/10/14 10:30
240-37219-2	MW-7-2014-S	Water	05/09/14 10:20	05/10/14 10:30
240-37219-3	MW-25-2014-S	Water	05/09/14 12:20	05/10/14 10:30
240-37219-4	MW-53-2014-S	Water	05/09/14 15:00	05/10/14 10:30
240-37219-5	EB-401-2014-S	Water	05/09/14 15:50	05/10/14 10:30
240-37219-6	MW-5-2014-S	Water	05/09/14 17:10	05/10/14 10:30
240-37219-7	TB-401-2014S	Water	05/09/14 00:00	05/10/14 10:30
240-37266-1	MW-8-2014-S	Water	05/12/14 09:40	05/13/14 09:20
240-37266-2	MW-23-2014-S	Water	05/12/14 10:20	05/13/14 09:20
240-37266-3	MW-13-2014-S	Water	05/12/14 10:55	05/13/14 09:20
240-37266-4	MW-16-2014-S	Water	05/12/14 11:30	05/13/14 09:20
240-37266-5	EB-501-2014-S	Water	05/12/14 12:00	05/13/14 09:20
240-37266-6	MW-54-2014-S	Water	05/12/14 12:40	05/13/14 09:20
240-37266-7	MW-10-2014-S	Water	05/12/14 14:00	05/13/14 09:20
240-37266-8	MW-9-2014-S	Water	05/12/14 16:10	05/13/14 09:20
240-37266-9	TB-501-2014S	Water	05/12/14 00:00	05/13/14 09:20
240-37489-1	EB-601-051514	Water	05/15/14 07:30	05/17/14 09:30
240-37489-2	FD-601-051514	Water	05/15/14 07:15	05/17/14 09:30
240-37489-3	VP-101-051514	Water	05/15/14 07:45	05/17/14 09:30
240-37489-4	VP-103-051514	Water	05/15/14 08:00	05/17/14 09:30
240-37489-5	VP-108-051514	Water	05/15/14 08:15	05/17/14 09:30
240-37489-6	VP-107-051514	Water	05/15/14 08:20	05/17/14 09:30
240-37489-7	VP-110-051514	Water	05/15/14 08:25	05/17/14 09:30
240-37489-8	VP-106-051514	Water	05/15/14 08:35	05/17/14 09:30
240-37489-9	VP-112-051514	Water	05/15/14 08:45	05/17/14 09:30
240-37489-10	VP-114-051514	Water	05/15/14 08:50	05/17/14 09:30

TestAmerica Canton



# Sample Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-37489-11	MW-48-2014-SR	Water	05/15/14 10:15	05/17/14 09:30
240-37489-12	MW-47-2014-SR	Water	05/15/14 10:45	05/17/14 09:30
240-37489-13	TB-701-2014SR	Water	05/15/14 00:00	05/17/14 09:30
240-37510-1	VP-3-051114	Air	05/11/14 18:48	05/19/14 09:45
240-37510-2	VP-11-051114	Air	05/11/14 19:00	05/19/14 09:45
240-37510-3	VP-107-051414	Air	05/11/14 13:46	05/19/14 09:45
240-37510-4	VP-110-051414	Air	05/14/14 12:25	05/19/14 09:45
240-37510-5	VP-106-051414	Air	05/14/14 13:56	05/19/14 09:45
240-37510-6	VP-108-051414	Air	05/14/14 13:04	05/19/14 09:45
240-37510-7	FD-101-051414	Air	05/14/14 13:00	05/19/14 09:45
240-37510-8	VP-114-051414	Air	05/14/14 14:30	05/19/14 09:45
240-37510-9	AB-101-051414	Air	05/14/14 14:11	05/19/14 09:45
240-37510-10	TB-101-051414	Air	05/14/14 00:00	05/19/14 09:45

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-59-2014-S

Lab Sample ID: 240-36960-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	2.3		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: MW-58-2014-S

Lab Sample ID: 240-36960-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	62		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	49		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: MW-57-2014-S

Lab Sample ID: 240-36960-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	97		1.7		ug/L	1.67		8260B	Total/NA
Trichloroethene	43		1.7		ug/L	1.67		8260B	Total/NA
Vinyl chloride	14		1.7		ug/L	1.67		8260B	Total/NA

## Client Sample ID: FD-01-2014-S

Lab Sample ID: 240-36960-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	270		6.7		ug/L	6.67		8260B	Total/NA
Vinyl chloride	97		6.7		ug/L	6.67		8260B	Total/NA

## Client Sample ID: MW-50-2014-S

Lab Sample ID: 240-36960-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	23		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	5.0		1.0		ug/L	1		8260B	Total/NA
Vinyl chloride	6.4		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: MW-14-2014-S

Lab Sample ID: 240-36960-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	440		11		ug/L	11.11		8260B	Total/NA
Trichloroethene	750		11		ug/L	11.11		8260B	Total/NA

## Client Sample ID: MW-49-2014-S

Lab Sample ID: 240-36960-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	930		13		ug/L	12.5		8260B	Total/NA
Vinyl chloride	500		13		ug/L	12.5		8260B	Total/NA

## Client Sample ID: MW-44-2014-S

Lab Sample ID: 240-36960-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	340		4.0		ug/L	4		8260B	Total/NA
Vinyl chloride	120		4.0		ug/L	4		8260B	Total/NA

## Client Sample ID: MW-43-2014-S

Lab Sample ID: 240-36960-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	980		17		ug/L	16.67		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-43-2014-S (Continued)

Lab Sample ID: 240-36960-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	130		17		ug/L	16.67		8260B	Total/NA

## Client Sample ID: MW-55-2014-S

Lab Sample ID: 240-36960-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	660		50		ug/L	50		8260B	Total/NA
Trichloroethene	2900		50		ug/L	50		8260B	Total/NA
Vinyl chloride	52		50		ug/L	50		8260B	Total/NA
Arsenic	11		10		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-41-2014-S

Lab Sample ID: 240-36960-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4500		50		ug/L	50		8260B	Total/NA
Vinyl chloride	1100		50		ug/L	50		8260B	Total/NA

## Client Sample ID: MW-56-2014-S

Lab Sample ID: 240-36960-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	700		50		ug/L	50		8260B	Total/NA
Trichloroethene	3000		50		ug/L	50		8260B	Total/NA
Vinyl chloride	62		50		ug/L	50		8260B	Total/NA

## Client Sample ID: MW-42-2014-S

Lab Sample ID: 240-36960-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	200		5.0		ug/L	5		8260B	Total/NA
Vinyl chloride	480		5.0		ug/L	5		8260B	Total/NA

## Client Sample ID: EB-101-GW

Lab Sample ID: 240-36960-14

No Detections.

## Client Sample ID: TB-101-2014S

Lab Sample ID: 240-36960-15

No Detections.

## Client Sample ID: MW-45-2014-S

Lab Sample ID: 240-37050-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	19000		1000		ug/L	1000		8260B	Total/NA
Trichloroethene	13000		1000		ug/L	1000		8260B	Total/NA
Vinyl chloride	1900		1000		ug/L	1000		8260B	Total/NA
Chromium	350		5.0		ug/L	1		6010B	Total Recoverable
Cr (VI)	0.38		0.020		mg/L	1		7196A	Total/NA

## Client Sample ID: MW-46-2014-S

Lab Sample ID: 240-37050-2

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-46-2014-S (Continued)

Lab Sample ID: 240-37050-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3000		200		ug/L	200		8260B	Total/NA
Trichloroethene	6300		200		ug/L	200		8260B	Total/NA

## Client Sample ID: MW-47-2014-S

Lab Sample ID: 240-37050-3

No Detections.

## Client Sample ID: MW-48-2014-S

Lab Sample ID: 240-37050-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	74		10		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-51-2014-S

Lab Sample ID: 240-37050-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1500		500		ug/L	500		8260B	Total/NA
Trichloroethene	7900		500		ug/L	500		8260B	Total/NA
Chromium	51		5.0		ug/L	1		6010B	Total Recoverable
Cr (VI)	0.062		0.020		mg/L	1		7196A	Total/NA

## Client Sample ID: MW-52-2014-S

Lab Sample ID: 240-37050-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1100		500		ug/L	500		8260B	Total/NA
Trichloroethene	4200		500		ug/L	500		8260B	Total/NA

## Client Sample ID: MW-12-2014-S

Lab Sample ID: 240-37050-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	9.2		1.0		ug/L	1		8260B	Total/NA
Chromium	5.3		5.0		ug/L	1		6010B	Total Recoverable
Lead	3.9		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-20-2014-S

Lab Sample ID: 240-37050-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	390		17		ug/L	16.67		8260B	Total/NA
Trichloroethene	370		17		ug/L	16.67		8260B	Total/NA
Chromium	5.1		5.0		ug/L	1		6010B	Total Recoverable
Lead	6.7		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: EB-201-2014-S

Lab Sample ID: 240-37050-9

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: TB-201-2014S**

**Lab Sample ID: 240-37050-10**

No Detections.

**Client Sample ID: RT-5-2014-S**

**Lab Sample ID: 240-37110-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.20		0.020		mg/L	1		7196A	Total/NA

**Client Sample ID: RT-4-2014-S**

**Lab Sample ID: 240-37110-2**

No Detections.

**Client Sample ID: RT-2-2014-S**

**Lab Sample ID: 240-37110-3**

No Detections.

**Client Sample ID: RT-1-2014-S**

**Lab Sample ID: 240-37110-4**

No Detections.

**Client Sample ID: FD-02-2014-S**

**Lab Sample ID: 240-37110-5**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.023		0.020		mg/L	1		7196A	Total/NA

**Client Sample ID: SW-17-2014-S**

**Lab Sample ID: 240-37110-6**

No Detections.

**Client Sample ID: SW-9-2014-S**

**Lab Sample ID: 240-37110-7**

No Detections.

**Client Sample ID: SW-19-2014-S**

**Lab Sample ID: 240-37110-8**

No Detections.

**Client Sample ID: SW-12-2014-S**

**Lab Sample ID: 240-37110-9**

No Detections.

**Client Sample ID: SW-22-2014-S**

**Lab Sample ID: 240-37110-10**

No Detections.

**Client Sample ID: FD-03-SN-2014S**

**Lab Sample ID: 240-37110-11**

No Detections.

**Client Sample ID: EB-301-GW**

**Lab Sample ID: 240-37110-12**

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: EB-302-SW

Lab Sample ID: 240-37110-13

No Detections.

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37110-14

No Detections.

## Client Sample ID: SD-17-2014-S

Lab Sample ID: 240-37110-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	11		0.53		mg/Kg	1	*	6010B	Total/NA
Lead	2.2		0.32		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: SD-9-2014-S

Lab Sample ID: 240-37110-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.94		0.54		mg/Kg	1	*	6010B	Total/NA
Lead	1.1		0.32		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: SD-4-2014-S

Lab Sample ID: 240-37110-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.0		0.82		mg/Kg	1	*	6010B	Total/NA
Chromium	2.0		0.41		mg/Kg	1	*	6010B	Total/NA
Lead	1.3		0.25		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: SD-12-2014-S

Lab Sample ID: 240-37110-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	1.2		0.62		mg/Kg	1	*	6010B	Total/NA
Lead	1.3		0.37		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: SD-7-2014-S

Lab Sample ID: 240-37110-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.66		0.58		mg/Kg	1	*	6010B	Total/NA
Lead	0.93		0.35		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: FD-04-SD-2014S

Lab Sample ID: 240-37110-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.71		0.53		mg/Kg	1	*	6010B	Total/NA
Lead	0.77		0.32		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: RT-5-2014-S

Lab Sample ID: 240-37135-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	6.3		2.0		ug/L	1		8270C	Total/NA
1,2,4-Trichlorobenzene	1.0		1.0		ug/L	1		8270C	Total/NA
Chromium	33		5.0		ug/L	1		6010B	Total Recoverable
Lead	3.4		3.0		ug/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: RT-4-2014-S

Lab Sample ID: 240-37135-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	9.4		2.2		ug/L			1	8270C	Total/NA
Arsenic	10		10		ug/L			1	6010B	Total Recoverable

## Client Sample ID: RT-2-2014-S

Lab Sample ID: 240-37135-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	18		1.1		ug/L			1	8270C	Total/NA
Chromium	330		5.0		ug/L			1	6010B	Total Recoverable
Lead	5.4		3.0		ug/L			1	6010B	Total Recoverable

## Client Sample ID: RT-1-2014-S

Lab Sample ID: 240-37135-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chromium	6.6		5.0		ug/L			1	6010B	Total Recoverable

## Client Sample ID: FD-02-2014-S

Lab Sample ID: 240-37135-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	18		1.1		ug/L			1	8270C	Total/NA
Chromium	320		5.0		ug/L			1	6010B	Total Recoverable
Lead	4.1		3.0		ug/L			1	6010B	Total Recoverable

## Client Sample ID: SW-17-2014-S

Lab Sample ID: 240-37135-6

No Detections.

## Client Sample ID: SW-9-2014-S

Lab Sample ID: 240-37135-7

No Detections.

## Client Sample ID: SW-19-2014-S

Lab Sample ID: 240-37135-8

No Detections.

## Client Sample ID: SW-12-2014-S

Lab Sample ID: 240-37135-9

No Detections.

## Client Sample ID: SW-22-2014-S

Lab Sample ID: 240-37135-10

No Detections.

## Client Sample ID: FD-03-SW-2014-S

Lab Sample ID: 240-37135-11

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: EB-301-GW

Lab Sample ID: 240-37135-12

No Detections.

## Client Sample ID: EB-302-SW

Lab Sample ID: 240-37135-13

No Detections.

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37135-14

No Detections.

## Client Sample ID: RT-5-2014-S

Lab Sample ID: 240-37154-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	210		6.7		ug/L	6.67		8260B	Total/NA
Trichloroethene	150		6.7		ug/L	6.67		8260B	Total/NA
Vinyl chloride	16		6.7		ug/L	6.67		8260B	Total/NA

## Client Sample ID: RT-4-2014-S

Lab Sample ID: 240-37154-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2100		100		ug/L	100		8260B	Total/NA
trans-1,2-Dichloroethene	120		100		ug/L	100		8260B	Total/NA
Trichloroethene	130		100		ug/L	100		8260B	Total/NA

## Client Sample ID: RT-2-2014-S

Lab Sample ID: 240-37154-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	16000		500		ug/L	500		8260B	Total/NA
Trichloroethene	4600		500		ug/L	500		8260B	Total/NA

## Client Sample ID: RT-1-2014-S

Lab Sample ID: 240-37154-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	49		5.0		ug/L	5		8260B	Total/NA
Trichloroethene	140		5.0		ug/L	5		8260B	Total/NA

## Client Sample ID: FD-02-2014-S

Lab Sample ID: 240-37154-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	15000		500		ug/L	500		8260B	Total/NA
Trichloroethene	4400		500		ug/L	500		8260B	Total/NA

## Client Sample ID: EB-301-GW

Lab Sample ID: 240-37154-6

No Detections.

## Client Sample ID: SW-17-2014-S

Lab Sample ID: 240-37154-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	25		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	5.8		1.0		ug/L	1		8260B	Total/NA
Vinyl chloride	2.4		1.0		ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: SW-9-2014-S

Lab Sample ID: 240-37154-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	36		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	8.0		1.0		ug/L	1		8260B	Total/NA
Vinyl chloride	4.1		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: SW-19-2014-S

Lab Sample ID: 240-37154-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	60		2.0		ug/L	2		8260B	Total/NA
Trichloroethene	6.9		2.0		ug/L	2		8260B	Total/NA
Vinyl chloride	10		2.0		ug/L	2		8260B	Total/NA

## Client Sample ID: SW-12-2014-S

Lab Sample ID: 240-37154-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.5		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	8.7		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: SW-22-2014-S

Lab Sample ID: 240-37154-11

No Detections.

## Client Sample ID: FD-03-SW-2014-S

Lab Sample ID: 240-37154-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	58		1.7		ug/L	1.67		8260B	Total/NA
Trichloroethene	6.8		1.7		ug/L	1.67		8260B	Total/NA
Vinyl chloride	9.8		1.7		ug/L	1.67		8260B	Total/NA

## Client Sample ID: TB-301-2014S

Lab Sample ID: 240-37154-13

No Detections.

## Client Sample ID: EB-302-SW

Lab Sample ID: 240-37154-14

No Detections.

## Client Sample ID: SD-17-2014-S

Lab Sample ID: 240-37154-15

No Detections.

## Client Sample ID: SD-9-2014-S

Lab Sample ID: 240-37154-16

No Detections.

## Client Sample ID: SD-4-2014-S

Lab Sample ID: 240-37154-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.0		2.9		ug/L	1	*	8260A	Total/NA

## Client Sample ID: SD-12-2014-S

Lab Sample ID: 240-37154-18

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: SD-12-2014-S (Continued)

Lab Sample ID: 240-37154-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	46		5.3		ug/L	1	☒	8260A	Total/NA
Trichloroethene	140		11		ug/L	1	☒	8260A	Total/NA

## Client Sample ID: SD-7-2014-S

Lab Sample ID: 240-37154-19

No Detections.

## Client Sample ID: FD-04-SD-2014-S

Lab Sample ID: 240-37154-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.5		2.7		ug/L	1	☒	8260A	Total/NA

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37154-21

No Detections.

## Client Sample ID: MW-11-2014-S

Lab Sample ID: 240-37219-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.2		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	4.0		1.0		ug/L	1		8260B	Total/NA
Chromium	9.2		5.0		ug/L	1		6010B	Total
Lead	6.2		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-7-2014-S

Lab Sample ID: 240-37219-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.4		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	30		1.0		ug/L	1		8260B	Total/NA
Chromium	5.3		5.0		ug/L	1		6010B	Total
Lead	4.2		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-25-2014-S

Lab Sample ID: 240-37219-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13000		1300		ug/L	1250		8260B	Total/NA
Trichloroethene	73000		1300		ug/L	1250		8260B	Total/NA
Chromium	17		5.0		ug/L	1		6010B	Total
Lead	14		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-53-2014-S

Lab Sample ID: 240-37219-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	83		10		ug/L	10		8260B	Total/NA
Trichloroethene	220		10		ug/L	10		8260B	Total/NA
Chromium	20		5.0		ug/L	1		6010B	Total
									Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-53-2014-S (Continued)

Lab Sample ID: 240-37219-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.8		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: EB-401-2014-S

Lab Sample ID: 240-37219-5

No Detections.

## Client Sample ID: MW-5-2014-S

Lab Sample ID: 240-37219-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4500		250		ug/L	250		8260B	Total/NA
Trichloroethene	14000		250		ug/L	250		8260B	Total/NA

## Client Sample ID: TB-401-2014S

Lab Sample ID: 240-37219-7

No Detections.

## Client Sample ID: MW-8-2014-S

Lab Sample ID: 240-37266-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.9		2.5		ug/L	2.5		8260B	Total/NA
Trichloroethene	70		2.5		ug/L	2.5		8260B	Total/NA

## Client Sample ID: MW-23-2014-S

Lab Sample ID: 240-37266-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	280		17		ug/L	16.67		8260B	Total/NA
Trichloroethene	410		17		ug/L	16.67		8260B	Total/NA
1,2,4-Trichlorobenzene	6.0		1.0		ug/L	1		8270C	Total/NA
Chromium	32		5.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-13-2014-S

Lab Sample ID: 240-37266-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	51		2.5		ug/L	2.5		8260B	Total/NA
Trichloroethene	35		2.5		ug/L	2.5		8260B	Total/NA

## Client Sample ID: MW-16-2014-S

Lab Sample ID: 240-37266-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	590		25		ug/L	25		8260B	Total/NA
Trichloroethene	600		25		ug/L	25		8260B	Total/NA
Vinyl chloride	41		25		ug/L	25		8260B	Total/NA

## Client Sample ID: EB-501-2014-S

Lab Sample ID: 240-37266-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	9.8		5.0		ug/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-54-2014-S

Lab Sample ID: 240-37266-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	410		50		ug/L	50		8260B	Total/NA
Trichloroethene	1200		50		ug/L	50		8260B	Total/NA
Vinyl chloride	68		50		ug/L	50		8260B	Total/NA

## Client Sample ID: MW-10-2014-S

Lab Sample ID: 240-37266-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	41		2.0		ug/L	2		8260B	Total/NA
Trichloroethene	51		2.0		ug/L	2		8260B	Total/NA

## Client Sample ID: MW-9-2014-S

Lab Sample ID: 240-37266-8

No Detections.

## Client Sample ID: TB-501-2014S

Lab Sample ID: 240-37266-9

No Detections.

## Client Sample ID: EB-601-051514

Lab Sample ID: 240-37489-1

No Detections.

## Client Sample ID: FD-601-051514

Lab Sample ID: 240-37489-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4000		67		ug/L	66.67		8260B	Total/NA
trans-1,2-Dichloroethene	290		67		ug/L	66.67		8260B	Total/NA
Trichloroethene	230		67		ug/L	66.67		8260B	Total/NA
Vinyl chloride	260		67		ug/L	66.67		8260B	Total/NA

## Client Sample ID: VP-101-051514

Lab Sample ID: 240-37489-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3800		67		ug/L	66.67		8260B	Total/NA
trans-1,2-Dichloroethene	270		67		ug/L	66.67		8260B	Total/NA
Trichloroethene	240		67		ug/L	66.67		8260B	Total/NA
Vinyl chloride	240		67		ug/L	66.67		8260B	Total/NA

## Client Sample ID: VP-103-051514

Lab Sample ID: 240-37489-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	38		2.0		ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	3.0		2.0		ug/L	2		8260B	Total/NA
Trichloroethene	11		2.0		ug/L	2		8260B	Total/NA
Vinyl chloride	4.6		2.0		ug/L	2		8260B	Total/NA

## Client Sample ID: VP-108-051514

Lab Sample ID: 240-37489-5

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: VP-107-051514

Lab Sample ID: 240-37489-6

No Detections.

## Client Sample ID: VP-110-051514

Lab Sample ID: 240-37489-7

No Detections.

## Client Sample ID: VP-106-051514

Lab Sample ID: 240-37489-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	17		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	7.1		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: VP-112-051514

Lab Sample ID: 240-37489-9

No Detections.

## Client Sample ID: VP-114-051514

Lab Sample ID: 240-37489-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.5		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	3.2		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: MW-48-2014-SR

Lab Sample ID: 240-37489-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2500		130		ug/L	133.33		8260B	Total/NA
Trichloroethene	8300		130		ug/L	133.33		8260B	Total/NA
Vinyl chloride	290		130		ug/L	133.33		8260B	Total/NA

## Client Sample ID: MW-47-2014-SR

Lab Sample ID: 240-37489-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	34		1.4		ug/L	1.43		8260B	Total/NA
Trichloroethene	5.6		1.4		ug/L	1.43		8260B	Total/NA
Vinyl chloride	15		1.4		ug/L	1.43		8260B	Total/NA

## Client Sample ID: TB-701-2014SR

Lab Sample ID: 240-37489-13

No Detections.

## Client Sample ID: VP-3-051114

Lab Sample ID: 240-37510-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	6.8		0.81		ppb v/v	1.61		TO-15	Total/NA
o-Xylene	0.94		0.81		ppb v/v	1.61		TO-15	Total/NA
Trichloroethene	88		0.81		ppb v/v	1.61		TO-15	Total/NA
Xylenes, Total	3.4		1.6		ppb v/v	1.61		TO-15	Total/NA
cis-1,2-Dichloroethene	52		0.81		ppb v/v	1.61		TO-15	Total/NA
m-Xylene & p-Xylene	2.5		0.81		ppb v/v	1.61		TO-15	Total/NA

## Client Sample ID: VP-11-051114

Lab Sample ID: 240-37510-2

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: VP-11-051114 (Continued)

Lab Sample ID: 240-37510-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.20		0.20		ppb v/v	1.82		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.29		0.20		ppb v/v	1.82		TO-15	Total/NA
Toluene	7.2		0.20		ppb v/v	1.82		TO-15	Total/NA
o-Xylene	2.0		0.20		ppb v/v	1.82		TO-15	Total/NA
Trichloroethene	0.35		0.20		ppb v/v	1.82		TO-15	Total/NA
Ethylbenzene	1.3		0.20		ppb v/v	1.82		TO-15	Total/NA
Xylenes, Total	6.9		0.40		ppb v/v	1.82		TO-15	Total/NA
m-Xylene & p-Xylene	4.9		0.20		ppb v/v	1.82		TO-15	Total/NA

## Client Sample ID: VP-107-051414

Lab Sample ID: 240-37510-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	4.8		1.6		ppb v/v	1		TO-15	Total/NA
Trichloroethene	110		1.6		ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	5.7		1.6		ppb v/v	1		TO-15	Total/NA
m-Xylene & p-Xylene	2.3		1.6		ppb v/v	1		TO-15	Total/NA

## Client Sample ID: VP-110-051414

Lab Sample ID: 240-37510-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	4.1		0.20		ppb v/v	1		TO-15	Total/NA
o-Xylene	0.70		0.20		ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.52		0.20		ppb v/v	1		TO-15	Total/NA
Trichloroethene	19		0.20		ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.46		0.20		ppb v/v	1		TO-15	Total/NA
Xylenes, Total	2.6		0.40		ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	4.5		0.20		ppb v/v	1		TO-15	Total/NA
m-Xylene & p-Xylene	1.9		0.20		ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.49		0.20		ppb v/v	1		TO-15	Total/NA

## Client Sample ID: VP-106-051414

Lab Sample ID: 240-37510-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	4.1		4.0		ppb v/v	1		TO-15	Total/NA
Trichloroethene	550		4.0		ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	110		4.0		ppb v/v	1		TO-15	Total/NA

## Client Sample ID: VP-108-051414

Lab Sample ID: 240-37510-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.21		0.20		ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.23		0.20		ppb v/v	1		TO-15	Total/NA
Toluene	6.6		0.20		ppb v/v	1		TO-15	Total/NA
o-Xylene	1.0		0.20		ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.29		0.20		ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.71		0.20		ppb v/v	1		TO-15	Total/NA
Xylenes, Total	3.9		0.40		ppb v/v	1		TO-15	Total/NA
m-Xylene & p-Xylene	2.9		0.20		ppb v/v	1		TO-15	Total/NA

## Client Sample ID: FD-101-051414

Lab Sample ID: 240-37510-7

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: FD-101-051414 (Continued)

Lab Sample ID: 240-37510-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	4.5		4.0		ppb v/v	1		TO-15	Total/NA
Trichloroethene	570		4.0		ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	120		4.0		ppb v/v	1		TO-15	Total/NA

## Client Sample ID: VP-114-051414

Lab Sample ID: 240-37510-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.38		0.20		ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.84		0.50		ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.22		0.20		ppb v/v	1		TO-15	Total/NA
Toluene	5.7		0.20		ppb v/v	1		TO-15	Total/NA
o-Xylene	0.90		0.20		ppb v/v	1		TO-15	Total/NA
Trichloroethene	20		0.20		ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.60		0.20		ppb v/v	1		TO-15	Total/NA
Xylenes, Total	3.4		0.40		ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	20		0.20		ppb v/v	1		TO-15	Total/NA
m-Xylene & p-Xylene	2.5		0.20		ppb v/v	1		TO-15	Total/NA

## Client Sample ID: AB-101-051414

Lab Sample ID: 240-37510-9

No Detections.

## Client Sample ID: TB-101-051414

Lab Sample ID: 240-37510-10

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-59-2014-S**

**Lab Sample ID: 240-36960-1**

**Date Collected: 05/06/14 09:10**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/14/14 04:12	1
1,1-Dichloroethene	ND		1.0		ug/L			05/14/14 04:12	1
1,2-Dichloroethane	ND		1.0		ug/L			05/14/14 04:12	1
Benzene	ND		1.0		ug/L			05/14/14 04:12	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/14/14 04:12	1
Tetrachloroethene	ND		1.0		ug/L			05/14/14 04:12	1
Toluene	ND		1.0		ug/L			05/14/14 04:12	1
<b>Trichloroethene</b>	<b>2.3</b>		1.0		ug/L			05/14/14 04:12	1
Vinyl chloride	ND		1.0		ug/L			05/14/14 04:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129		05/14/14 04:12	1
4-Bromofluorobenzene (Surr)	84		66 - 120		05/14/14 04:12	1
Toluene-d8 (Surr)	95		74 - 120		05/14/14 04:12	1
Dibromofluoromethane (Surr)	94		75 - 121		05/14/14 04:12	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 17:38	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 17:38	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 17:38	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H ^	0.020		mg/L			05/07/14 12:00	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-58-2014-S**

**Lab Sample ID: 240-36960-2**

**Date Collected: 05/06/14 09:25**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/14/14 04:34	1
1,1-Dichloroethene	ND		1.0		ug/L			05/14/14 04:34	1
1,2-Dichloroethane	ND		1.0		ug/L			05/14/14 04:34	1
Benzene	ND		1.0		ug/L			05/14/14 04:34	1
<b>cis-1,2-Dichloroethene</b>	<b>62</b>		1.0		ug/L			05/14/14 04:34	1
Tetrachloroethene	ND		1.0		ug/L			05/14/14 04:34	1
Toluene	ND		1.0		ug/L			05/14/14 04:34	1
<b>Trichloroethene</b>	<b>49</b>		1.0		ug/L			05/14/14 04:34	1
Vinyl chloride	ND		1.0		ug/L			05/14/14 04:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		05/14/14 04:34	1
4-Bromofluorobenzene (Surr)	84		66 - 120		05/14/14 04:34	1
Toluene-d8 (Surr)	96		74 - 120		05/14/14 04:34	1
Dibromofluoromethane (Surr)	97		75 - 121		05/14/14 04:34	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 17:42	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 17:42	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 17:42	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			05/07/14 11:38	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-57-2014-S**

**Lab Sample ID: 240-36960-3**

**Date Collected: 05/06/14 12:15**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.7		ug/L			05/14/14 04:57	1.67
1,1-Dichloroethene	ND		1.7		ug/L			05/14/14 04:57	1.67
1,2-Dichloroethane	ND		1.7		ug/L			05/14/14 04:57	1.67
Benzene	ND		1.7		ug/L			05/14/14 04:57	1.67
<b>cis-1,2-Dichloroethene</b>	<b>97</b>		1.7		ug/L			05/14/14 04:57	1.67
Tetrachloroethene	ND		1.7		ug/L			05/14/14 04:57	1.67
Toluene	ND		1.7		ug/L			05/14/14 04:57	1.67
<b>Trichloroethene</b>	<b>43</b>		1.7		ug/L			05/14/14 04:57	1.67
<b>Vinyl chloride</b>	<b>14</b>		1.7		ug/L			05/14/14 04:57	1.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		05/14/14 04:57	1.67
4-Bromofluorobenzene (Surr)	86		66 - 120		05/14/14 04:57	1.67
Toluene-d8 (Surr)	96		74 - 120		05/14/14 04:57	1.67
Dibromofluoromethane (Surr)	98		75 - 121		05/14/14 04:57	1.67

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 17:46	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 17:46	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 17:46	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	^	0.020		mg/L			05/07/14 11:58	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-01-2014-S**

**Lab Sample ID: 240-36960-4**

**Date Collected: 05/06/14 10:00**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		6.7		ug/L			05/14/14 05:19	6.67
1,1-Dichloroethene	ND		6.7		ug/L			05/14/14 05:19	6.67
1,2-Dichloroethane	ND		6.7		ug/L			05/14/14 05:19	6.67
Benzene	ND		6.7		ug/L			05/14/14 05:19	6.67
<b>cis-1,2-Dichloroethene</b>	<b>270</b>		6.7		ug/L			05/14/14 05:19	6.67
Tetrachloroethene	ND		6.7		ug/L			05/14/14 05:19	6.67
Toluene	ND		6.7		ug/L			05/14/14 05:19	6.67
Trichloroethene	ND		6.7		ug/L			05/14/14 05:19	6.67
<b>Vinyl chloride</b>	<b>97</b>		6.7		ug/L			05/14/14 05:19	6.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		05/14/14 05:19	6.67
4-Bromofluorobenzene (Surr)	83		66 - 120		05/14/14 05:19	6.67
Toluene-d8 (Surr)	95		74 - 120		05/14/14 05:19	6.67
Dibromofluoromethane (Surr)	95		75 - 121		05/14/14 05:19	6.67

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 17:50	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 17:50	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 17:50	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			05/07/14 11:32	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-50-2014-S**

**Lab Sample ID: 240-36960-5**

**Date Collected: 05/06/14 12:45**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/15/14 01:12	1
1,1-Dichloroethene	ND		1.0		ug/L			05/15/14 01:12	1
1,2-Dichloroethane	ND		1.0		ug/L			05/15/14 01:12	1
Benzene	ND		1.0		ug/L			05/15/14 01:12	1
<b>cis-1,2-Dichloroethene</b>	<b>23</b>		1.0		ug/L			05/15/14 01:12	1
Tetrachloroethene	ND		1.0		ug/L			05/15/14 01:12	1
Toluene	ND		1.0		ug/L			05/15/14 01:12	1
<b>Trichloroethene</b>	<b>5.0</b>		1.0		ug/L			05/15/14 01:12	1
<b>Vinyl chloride</b>	<b>6.4</b>		1.0		ug/L			05/15/14 01:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		63 - 129		05/15/14 01:12	1
4-Bromofluorobenzene (Surr)	78		66 - 120		05/15/14 01:12	1
Toluene-d8 (Surr)	93		74 - 120		05/15/14 01:12	1
Dibromofluoromethane (Surr)	93		75 - 121		05/15/14 01:12	1

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 17:11	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 17:11	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 17:11	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	^	0.020		mg/L			05/07/14 11:52	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-14-2014-S**

**Lab Sample ID: 240-36960-6**

**Date Collected: 05/06/14 13:00**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		11		ug/L			05/14/14 05:41	11.11
1,1-Dichloroethene	ND		11		ug/L			05/14/14 05:41	11.11
1,2-Dichloroethane	ND		11		ug/L			05/14/14 05:41	11.11
Benzene	ND		11		ug/L			05/14/14 05:41	11.11
<b>cis-1,2-Dichloroethene</b>	<b>440</b>		11		ug/L			05/14/14 05:41	11.11
Tetrachloroethene	ND		11		ug/L			05/14/14 05:41	11.11
Toluene	ND		11		ug/L			05/14/14 05:41	11.11
<b>Trichloroethene</b>	<b>750</b>		11		ug/L			05/14/14 05:41	11.11
Vinyl chloride	ND		11		ug/L			05/14/14 05:41	11.11

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		05/14/14 05:41	11.11
4-Bromofluorobenzene (Surr)	83		66 - 120		05/14/14 05:41	11.11
Toluene-d8 (Surr)	97		74 - 120		05/14/14 05:41	11.11
Dibromofluoromethane (Surr)	94		75 - 121		05/14/14 05:41	11.11

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 17:54	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 17:54	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 17:54	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/07/14 11:34	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-49-2014-S**

**Lab Sample ID: 240-36960-7**

**Date Collected: 05/06/14 14:10**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		13		ug/L			05/14/14 06:03	12.5
1,1-Dichloroethene	ND		13		ug/L			05/14/14 06:03	12.5
1,2-Dichloroethane	ND		13		ug/L			05/14/14 06:03	12.5
Benzene	ND		13		ug/L			05/14/14 06:03	12.5
<b>cis-1,2-Dichloroethene</b>	<b>930</b>		13		ug/L			05/14/14 06:03	12.5
Tetrachloroethene	ND		13		ug/L			05/14/14 06:03	12.5
Toluene	ND		13		ug/L			05/14/14 06:03	12.5
Trichloroethene	ND		13		ug/L			05/14/14 06:03	12.5
<b>Vinyl chloride</b>	<b>500</b>		13		ug/L			05/14/14 06:03	12.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		05/14/14 06:03	12.5
4-Bromofluorobenzene (Surr)	84		66 - 120		05/14/14 06:03	12.5
Toluene-d8 (Surr)	96		74 - 120		05/14/14 06:03	12.5
Dibromofluoromethane (Surr)	95		75 - 121		05/14/14 06:03	12.5

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 17:58	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 17:58	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 17:58	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/07/14 11:42	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-44-2014-S**

**Lab Sample ID: 240-36960-8**

**Date Collected: 05/06/14 14:20**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		4.0		ug/L			05/14/14 06:26	4
1,1-Dichloroethene	ND		4.0		ug/L			05/14/14 06:26	4
1,2-Dichloroethane	ND		4.0		ug/L			05/14/14 06:26	4
Benzene	ND		4.0		ug/L			05/14/14 06:26	4
<b>cis-1,2-Dichloroethene</b>	<b>340</b>		4.0		ug/L			05/14/14 06:26	4
Tetrachloroethene	ND		4.0		ug/L			05/14/14 06:26	4
Toluene	ND		4.0		ug/L			05/14/14 06:26	4
Trichloroethene	ND		4.0		ug/L			05/14/14 06:26	4
<b>Vinyl chloride</b>	<b>120</b>		4.0		ug/L			05/14/14 06:26	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		05/14/14 06:26	4
4-Bromofluorobenzene (Surr)	85		66 - 120		05/14/14 06:26	4
Toluene-d8 (Surr)	96		74 - 120		05/14/14 06:26	4
Dibromofluoromethane (Surr)	97		75 - 121		05/14/14 06:26	4

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 18:02	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 18:02	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 18:02	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	^	0.020		mg/L			05/07/14 12:06	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-43-2014-S**

**Lab Sample ID: 240-36960-9**

**Date Collected: 05/06/14 15:20**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		17		ug/L			05/14/14 06:48	16.67
1,1-Dichloroethene	ND		17		ug/L			05/14/14 06:48	16.67
1,2-Dichloroethane	ND		17		ug/L			05/14/14 06:48	16.67
Benzene	ND		17		ug/L			05/14/14 06:48	16.67
<b>cis-1,2-Dichloroethene</b>	<b>980</b>		17		ug/L			05/14/14 06:48	16.67
Tetrachloroethene	ND		17		ug/L			05/14/14 06:48	16.67
Toluene	ND		17		ug/L			05/14/14 06:48	16.67
Trichloroethene	ND		17		ug/L			05/14/14 06:48	16.67
<b>Vinyl chloride</b>	<b>130</b>		17		ug/L			05/14/14 06:48	16.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		63 - 129		05/14/14 06:48	16.67
4-Bromofluorobenzene (Surr)	85		66 - 120		05/14/14 06:48	16.67
Toluene-d8 (Surr)	96		74 - 120		05/14/14 06:48	16.67
Dibromofluoromethane (Surr)	96		75 - 121		05/14/14 06:48	16.67

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 18:06	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 18:06	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 18:06	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/07/14 11:36	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-55-2014-S**

**Lab Sample ID: 240-36960-10**

**Date Collected: 05/06/14 16:05**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		50		ug/L			05/14/14 07:11	50
1,1-Dichloroethene	ND		50		ug/L			05/14/14 07:11	50
1,2-Dichloroethane	ND		50		ug/L			05/14/14 07:11	50
Benzene	ND		50		ug/L			05/14/14 07:11	50
<b>cis-1,2-Dichloroethene</b>	<b>660</b>		50		ug/L			05/14/14 07:11	50
Tetrachloroethene	ND		50		ug/L			05/14/14 07:11	50
Toluene	ND		50		ug/L			05/14/14 07:11	50
<b>Trichloroethene</b>	<b>2900</b>		50		ug/L			05/14/14 07:11	50
<b>Vinyl chloride</b>	<b>52</b>		50		ug/L			05/14/14 07:11	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		05/14/14 07:11	50
4-Bromofluorobenzene (Surr)	86		66 - 120		05/14/14 07:11	50
Toluene-d8 (Surr)	96		74 - 120		05/14/14 07:11	50
Dibromofluoromethane (Surr)	94		75 - 121		05/14/14 07:11	50

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>11</b>		10		ug/L		05/08/14 06:38	05/09/14 18:10	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 18:10	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 18:10	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	^	0.020		mg/L			05/07/14 12:04	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-41-2014-S**

**Lab Sample ID: 240-36960-11**

**Date Collected: 05/06/14 16:45**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		50		ug/L			05/14/14 07:33	50
1,1-Dichloroethene	ND		50		ug/L			05/14/14 07:33	50
1,2-Dichloroethane	ND		50		ug/L			05/14/14 07:33	50
Benzene	ND		50		ug/L			05/14/14 07:33	50
<b>cis-1,2-Dichloroethene</b>	<b>4500</b>		50		ug/L			05/14/14 07:33	50
Tetrachloroethene	ND		50		ug/L			05/14/14 07:33	50
Toluene	ND		50		ug/L			05/14/14 07:33	50
Trichloroethene	ND		50		ug/L			05/14/14 07:33	50
<b>Vinyl chloride</b>	<b>1100</b>		50		ug/L			05/14/14 07:33	50
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	94		63 - 129					05/14/14 07:33	50
4-Bromofluorobenzene (Surr)	87		66 - 120					05/14/14 07:33	50
Toluene-d8 (Surr)	96		74 - 120					05/14/14 07:33	50
Dibromofluoromethane (Surr)	98		75 - 121					05/14/14 07:33	50

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 18:22	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 18:22	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 18:22	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	^	0.020		mg/L			05/07/14 12:08	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-56-2014-S**

**Lab Sample ID: 240-36960-12**

**Date Collected: 05/06/14 17:15**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		50		ug/L			05/14/14 07:56	50
1,1-Dichloroethene	ND		50		ug/L			05/14/14 07:56	50
1,2-Dichloroethane	ND		50		ug/L			05/14/14 07:56	50
Benzene	ND		50		ug/L			05/14/14 07:56	50
<b>cis-1,2-Dichloroethene</b>	<b>700</b>		50		ug/L			05/14/14 07:56	50
Tetrachloroethene	ND		50		ug/L			05/14/14 07:56	50
Toluene	ND		50		ug/L			05/14/14 07:56	50
<b>Trichloroethene</b>	<b>3000</b>		50		ug/L			05/14/14 07:56	50
<b>Vinyl chloride</b>	<b>62</b>		50		ug/L			05/14/14 07:56	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		05/14/14 07:56	50
4-Bromofluorobenzene (Surr)	84		66 - 120		05/14/14 07:56	50
Toluene-d8 (Surr)	97		74 - 120		05/14/14 07:56	50
Dibromofluoromethane (Surr)	95		75 - 121		05/14/14 07:56	50

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 18:26	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 18:26	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 18:26	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	^	0.020		mg/L			05/07/14 12:02	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-42-2014-S**

**Lab Sample ID: 240-36960-13**

**Date Collected: 05/06/14 17:25**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0		ug/L			05/14/14 08:18	5
1,1-Dichloroethene	ND		5.0		ug/L			05/14/14 08:18	5
1,2-Dichloroethane	ND		5.0		ug/L			05/14/14 08:18	5
Benzene	ND		5.0		ug/L			05/14/14 08:18	5
<b>cis-1,2-Dichloroethene</b>	<b>200</b>		5.0		ug/L			05/14/14 08:18	5
Tetrachloroethene	ND		5.0		ug/L			05/14/14 08:18	5
Toluene	ND		5.0		ug/L			05/14/14 08:18	5
Trichloroethene	ND		5.0		ug/L			05/14/14 08:18	5
<b>Vinyl chloride</b>	<b>480</b>		5.0		ug/L			05/14/14 08:18	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	95		63 - 129					05/14/14 08:18	5
4-Bromofluorobenzene (Surr)	85		66 - 120					05/14/14 08:18	5
Toluene-d8 (Surr)	94		74 - 120					05/14/14 08:18	5
Dibromofluoromethane (Surr)	98		75 - 121					05/14/14 08:18	5

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 18:30	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 18:30	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 18:30	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/07/14 11:40	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-101-GW**

**Lab Sample ID: 240-36960-14**

**Date Collected: 05/06/14 17:35**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/15/14 02:19	1
1,1-Dichloroethene	ND		1.0		ug/L			05/15/14 02:19	1
1,2-Dichloroethane	ND		1.0		ug/L			05/15/14 02:19	1
Benzene	ND		1.0		ug/L			05/15/14 02:19	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/15/14 02:19	1
Tetrachloroethene	ND		1.0		ug/L			05/15/14 02:19	1
Toluene	ND		1.0		ug/L			05/15/14 02:19	1
Trichloroethene	ND		1.0		ug/L			05/15/14 02:19	1
Vinyl chloride	ND		1.0		ug/L			05/15/14 02:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		05/15/14 02:19	1
4-Bromofluorobenzene (Surr)	79		66 - 120		05/15/14 02:19	1
Toluene-d8 (Surr)	93		74 - 120		05/15/14 02:19	1
Dibromofluoromethane (Surr)	91		75 - 121		05/15/14 02:19	1

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 18:34	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 18:34	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 18:34	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	^	0.020		mg/L			05/07/14 12:10	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: TB-101-2014S**

**Lab Sample ID: 240-36960-15**

**Date Collected: 05/06/14 00:00**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/15/14 02:41	1
1,1-Dichloroethene	ND		1.0		ug/L			05/15/14 02:41	1
1,2-Dichloroethane	ND		1.0		ug/L			05/15/14 02:41	1
Benzene	ND		1.0		ug/L			05/15/14 02:41	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/15/14 02:41	1
Tetrachloroethene	ND		1.0		ug/L			05/15/14 02:41	1
Toluene	ND		1.0		ug/L			05/15/14 02:41	1
Trichloroethene	ND		1.0		ug/L			05/15/14 02:41	1
Vinyl chloride	ND		1.0		ug/L			05/15/14 02:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		63 - 129		05/15/14 02:41	1
4-Bromofluorobenzene (Surr)	80		66 - 120		05/15/14 02:41	1
Toluene-d8 (Surr)	93		74 - 120		05/15/14 02:41	1
Dibromofluoromethane (Surr)	89		75 - 121		05/15/14 02:41	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-45-2014-S**

**Lab Sample ID: 240-37050-1**

**Date Collected: 05/07/14 10:50**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1000		ug/L			05/16/14 15:03	1000
1,1-Dichloroethene	ND		1000		ug/L			05/16/14 15:03	1000
1,2-Dichloroethane	ND		1000		ug/L			05/16/14 15:03	1000
Benzene	ND		1000		ug/L			05/16/14 15:03	1000
<b>cis-1,2-Dichloroethene</b>	<b>19000</b>		1000		ug/L			05/16/14 15:03	1000
Tetrachloroethene	ND		1000		ug/L			05/16/14 15:03	1000
Toluene	ND		1000		ug/L			05/16/14 15:03	1000
<b>Trichloroethene</b>	<b>13000</b>		1000		ug/L			05/16/14 15:03	1000
<b>Vinyl chloride</b>	<b>1900</b>		1000		ug/L			05/16/14 15:03	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		05/16/14 15:03	1000
4-Bromofluorobenzene (Surr)	93		66 - 120		05/16/14 15:03	1000
Toluene-d8 (Surr)	89		74 - 120		05/16/14 15:03	1000
Dibromofluoromethane (Surr)	103		75 - 121		05/16/14 15:03	1000

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 19:48	1
<b>Chromium</b>	<b>350</b>		5.0		ug/L		05/09/14 07:15	05/12/14 19:48	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 19:48	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Cr (VI)</b>	<b>0.38</b>		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-46-2014-S**

**Lab Sample ID: 240-37050-2**

**Date Collected: 05/07/14 11:35**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		200		ug/L			05/14/14 12:34	200
1,1-Dichloroethene	ND		200		ug/L			05/14/14 12:34	200
1,2-Dichloroethane	ND		200		ug/L			05/14/14 12:34	200
Benzene	ND		200		ug/L			05/14/14 12:34	200
<b>cis-1,2-Dichloroethene</b>	<b>3000</b>		200		ug/L			05/14/14 12:34	200
Tetrachloroethene	ND		200		ug/L			05/14/14 12:34	200
Toluene	ND		200		ug/L			05/14/14 12:34	200
<b>Trichloroethene</b>	<b>6300</b>		200		ug/L			05/14/14 12:34	200
Vinyl chloride	ND		200		ug/L			05/14/14 12:34	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		63 - 129		05/14/14 12:34	200
4-Bromofluorobenzene (Surr)	79		66 - 120		05/14/14 12:34	200
Toluene-d8 (Surr)	89		74 - 120		05/14/14 12:34	200
Dibromofluoromethane (Surr)	85		75 - 121		05/14/14 12:34	200

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:16	1
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 20:16	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:16	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-47-2014-S**

**Lab Sample ID: 240-37050-3**

**Date Collected: 05/07/14 08:30**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

## Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:20	1
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 20:20	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:20	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-48-2014-S**

**Lab Sample ID: 240-37050-4**

**Date Collected: 05/07/14 09:20**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	74		10		ug/L		05/09/14 07:15	05/12/14 20:24	1
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 20:24	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:24	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-51-2014-S**

**Lab Sample ID: 240-37050-5**

**Date Collected: 05/07/14 09:50**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		500		ug/L			05/16/14 15:52	500
1,1-Dichloroethene	ND		500		ug/L			05/16/14 15:52	500
1,2-Dichloroethane	ND		500		ug/L			05/16/14 15:52	500
Benzene	ND		500		ug/L			05/16/14 15:52	500
<b>cis-1,2-Dichloroethene</b>	<b>1500</b>		500		ug/L			05/16/14 15:52	500
Tetrachloroethene	ND		500		ug/L			05/16/14 15:52	500
Toluene	ND		500		ug/L			05/16/14 15:52	500
<b>Trichloroethene</b>	<b>7900</b>		500		ug/L			05/16/14 15:52	500
Vinyl chloride	ND		500		ug/L			05/16/14 15:52	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		05/16/14 15:52	500
4-Bromofluorobenzene (Surr)	93		66 - 120		05/16/14 15:52	500
Toluene-d8 (Surr)	89		74 - 120		05/16/14 15:52	500
Dibromofluoromethane (Surr)	103		75 - 121		05/16/14 15:52	500

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:28	1
<b>Chromium</b>	<b>51</b>		5.0		ug/L		05/09/14 07:15	05/12/14 20:28	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:28	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Cr (VI)</b>	<b>0.062</b>		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-52-2014-S**

**Lab Sample ID: 240-37050-6**

**Date Collected: 05/07/14 09:05**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		500		ug/L			05/16/14 16:14	500
1,1-Dichloroethene	ND		500		ug/L			05/16/14 16:14	500
1,2-Dichloroethane	ND		500		ug/L			05/16/14 16:14	500
Benzene	ND		500		ug/L			05/16/14 16:14	500
<b>cis-1,2-Dichloroethene</b>	<b>1100</b>		500		ug/L			05/16/14 16:14	500
Tetrachloroethene	ND		500		ug/L			05/16/14 16:14	500
Toluene	ND		500		ug/L			05/16/14 16:14	500
<b>Trichloroethene</b>	<b>4200</b>		500		ug/L			05/16/14 16:14	500
Vinyl chloride	ND		500		ug/L			05/16/14 16:14	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		05/16/14 16:14	500
4-Bromofluorobenzene (Surr)	87		66 - 120		05/16/14 16:14	500
Toluene-d8 (Surr)	92		74 - 120		05/16/14 16:14	500
Dibromofluoromethane (Surr)	106		75 - 121		05/16/14 16:14	500

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:32	1
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 20:32	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:32	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-12-2014-S**

**Lab Sample ID: 240-37050-7**

**Date Collected: 05/07/14 15:30**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/16/14 16:36	1
1,1-Dichloroethene	ND		1.0		ug/L			05/16/14 16:36	1
1,2-Dichloroethane	ND		1.0		ug/L			05/16/14 16:36	1
Benzene	ND		1.0		ug/L			05/16/14 16:36	1
<b>cis-1,2-Dichloroethene</b>	<b>9.2</b>		1.0		ug/L			05/16/14 16:36	1
Tetrachloroethene	ND		1.0		ug/L			05/16/14 16:36	1
Toluene	ND		1.0		ug/L			05/16/14 16:36	1
Trichloroethene	ND		1.0		ug/L			05/16/14 16:36	1
Vinyl chloride	ND		1.0		ug/L			05/16/14 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 129		05/16/14 16:36	1
4-Bromofluorobenzene (Surr)	87		66 - 120		05/16/14 16:36	1
Toluene-d8 (Surr)	92		74 - 120		05/16/14 16:36	1
Dibromofluoromethane (Surr)	104		75 - 121		05/16/14 16:36	1

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:36	1
<b>Chromium</b>	<b>5.3</b>		5.0		ug/L		05/09/14 07:15	05/12/14 20:36	1
<b>Lead</b>	<b>3.9</b>		3.0		ug/L		05/09/14 07:15	05/12/14 20:36	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-20-2014-S**

**Lab Sample ID: 240-37050-8**

**Date Collected: 05/07/14 15:40**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		17		ug/L			05/21/14 13:47	16.67
1,1-Dichloroethene	ND		17		ug/L			05/21/14 13:47	16.67
1,2-Dichloroethane	ND		17		ug/L			05/21/14 13:47	16.67
Benzene	ND		17		ug/L			05/21/14 13:47	16.67
<b>cis-1,2-Dichloroethene</b>	<b>390</b>		17		ug/L			05/21/14 13:47	16.67
Tetrachloroethene	ND		17		ug/L			05/21/14 13:47	16.67
Toluene	ND		17		ug/L			05/21/14 13:47	16.67
<b>Trichloroethene</b>	<b>370</b>		17		ug/L			05/21/14 13:47	16.67
Vinyl chloride	ND		17		ug/L			05/21/14 13:47	16.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		05/21/14 13:47	16.67
4-Bromofluorobenzene (Surr)	81		66 - 120		05/21/14 13:47	16.67
Toluene-d8 (Surr)	91		74 - 120		05/21/14 13:47	16.67
Dibromofluoromethane (Surr)	101		75 - 121		05/21/14 13:47	16.67

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:40	1
<b>Chromium</b>	<b>5.1</b>		5.0		ug/L		05/09/14 07:15	05/12/14 20:40	1
<b>Lead</b>	<b>6.7</b>		3.0		ug/L		05/09/14 07:15	05/12/14 20:40	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-201-2014-S**

**Lab Sample ID: 240-37050-9**

**Date Collected: 05/07/14 16:00**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/16/14 16:59	1
1,1-Dichloroethene	ND		1.0		ug/L			05/16/14 16:59	1
1,2-Dichloroethane	ND		1.0		ug/L			05/16/14 16:59	1
Benzene	ND		1.0		ug/L			05/16/14 16:59	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/16/14 16:59	1
Tetrachloroethene	ND		1.0		ug/L			05/16/14 16:59	1
Toluene	ND		1.0		ug/L			05/16/14 16:59	1
Trichloroethene	ND		1.0		ug/L			05/16/14 16:59	1
Vinyl chloride	ND		1.0		ug/L			05/16/14 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 129		05/16/14 16:59	1
4-Bromofluorobenzene (Surr)	86		66 - 120		05/16/14 16:59	1
Toluene-d8 (Surr)	90		74 - 120		05/16/14 16:59	1
Dibromofluoromethane (Surr)	103		75 - 121		05/16/14 16:59	1

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:44	1
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 20:44	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:44	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: TB-201-2014S**

**Lab Sample ID: 240-37050-10**

**Date Collected: 05/07/14 00:00**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/16/14 17:21	1
1,1-Dichloroethene	ND		1.0		ug/L			05/16/14 17:21	1
1,2-Dichloroethane	ND		1.0		ug/L			05/16/14 17:21	1
Benzene	ND		1.0		ug/L			05/16/14 17:21	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/16/14 17:21	1
Tetrachloroethene	ND		1.0		ug/L			05/16/14 17:21	1
Toluene	ND		1.0		ug/L			05/16/14 17:21	1
Trichloroethene	ND		1.0		ug/L			05/16/14 17:21	1
Vinyl chloride	ND		1.0		ug/L			05/16/14 17:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 129					05/16/14 17:21	1
4-Bromofluorobenzene (Surr)	88		66 - 120					05/16/14 17:21	1
Toluene-d8 (Surr)	91		74 - 120					05/16/14 17:21	1
Dibromofluoromethane (Surr)	103		75 - 121					05/16/14 17:21	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-5-2014-S**

**Lab Sample ID: 240-37110-1**

**Date Collected: 05/08/14 09:30**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.20		0.020		mg/L			05/09/14 08:15	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-4-2014-S**

**Lab Sample ID: 240-37110-2**

**Date Collected: 05/08/14 10:00**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:30	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-2-2014-S**

**Lab Sample ID: 240-37110-3**

**Date Collected: 05/08/14 10:30**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:34	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-1-2014-S**

**Lab Sample ID: 240-37110-4**

**Date Collected: 05/08/14 11:00**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:38	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-02-2014-S**

**Lab Sample ID: 240-37110-5**

Date Collected: 05/08/14 09:00

Matrix: Water

Date Received: 05/09/14 08:00

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.023		0.020		mg/L			05/09/14 08:27	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-17-2014-S**

**Lab Sample ID: 240-37110-6**

**Date Collected: 05/08/14 13:10**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:58	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-9-2014-S**

**Lab Sample ID: 240-37110-7**

**Date Collected: 05/08/14 13:50**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:01	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-19-2014-S**

**Lab Sample ID: 240-37110-8**

**Date Collected: 05/08/14 15:15**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:09	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-12-2014-S**

**Lab Sample ID: 240-37110-9**

**Date Collected: 05/08/14 15:40**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:13	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-22-2014-S**

**Lab Sample ID: 240-37110-10**

**Date Collected: 05/08/14 16:05**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:05	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-03-SN-2014S**

**Lab Sample ID: 240-37110-11**

**Date Collected: 05/08/14 12:00**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:46	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-301-GW**

**Lab Sample ID: 240-37110-12**

**Date Collected: 05/08/14 11:30**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:42	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-302-SW**

**Lab Sample ID: 240-37110-13**

**Date Collected: 05/08/14 16:20**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:29	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-303-SD**

**Lab Sample ID: 240-37110-14**

**Date Collected: 05/08/14 16:30**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:25	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-17-2014-S**

**Lab Sample ID: 240-37110-15**

**Date Collected: 05/08/14 13:15**

**Matrix: Solid**

**Date Received: 05/09/14 08:00**

**Percent Solids: 80.3**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.1		mg/Kg	☼	05/13/14 12:00	05/14/14 19:43	1
<b>Chromium</b>	<b>11</b>		0.53		mg/Kg	☼	05/13/14 12:00	05/14/14 19:43	1
<b>Lead</b>	<b>2.2</b>		0.32		mg/Kg	☼	05/13/14 12:00	05/14/14 19:43	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.0		mg/Kg	☼	05/14/14 09:42	05/16/14 15:58	1



# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-9-2014-S**

**Lab Sample ID: 240-37110-16**

**Date Collected: 05/08/14 14:00**

**Matrix: Solid**

**Date Received: 05/09/14 08:00**

**Percent Solids: 77.7**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.1		mg/Kg	☼	05/13/14 12:00	05/14/14 19:55	1
<b>Chromium</b>	<b>0.94</b>		0.54		mg/Kg	☼	05/13/14 12:00	05/14/14 19:55	1
<b>Lead</b>	<b>1.1</b>		0.32		mg/Kg	☼	05/13/14 12:00	05/14/14 19:55	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.0		mg/Kg	☼	05/14/14 09:42	05/16/14 16:02	1



# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-4-2014-S**

**Lab Sample ID: 240-37110-17**

Date Collected: 05/08/14 15:20

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 82.1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.0		0.82		mg/Kg	☼	05/13/14 12:00	05/14/14 19:59	1
Chromium	2.0		0.41		mg/Kg	☼	05/13/14 12:00	05/14/14 19:59	1
Lead	1.3		0.25		mg/Kg	☼	05/13/14 12:00	05/14/14 19:59	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.97		mg/Kg	☼	05/14/14 09:42	05/16/14 16:04	1



# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-12-2014-S**

**Lab Sample ID: 240-37110-18**

**Date Collected: 05/08/14 15:45**

**Matrix: Solid**

**Date Received: 05/09/14 08:00**

**Percent Solids: 75.4**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.2		mg/Kg	☼	05/13/14 12:00	05/14/14 19:20	1
<b>Chromium</b>	<b>1.2</b>		0.62		mg/Kg	☼	05/13/14 12:00	05/14/14 19:20	1
<b>Lead</b>	<b>1.3</b>		0.37		mg/Kg	☼	05/13/14 12:00	05/14/14 19:20	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.1		mg/Kg	☼	05/14/14 09:42	05/16/14 16:08	1



# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-7-2014-S**

**Lab Sample ID: 240-37110-19**

**Date Collected: 05/08/14 16:10**

**Matrix: Solid**

**Date Received: 05/09/14 08:00**

**Percent Solids: 78.9**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.2		mg/Kg	☼	05/13/14 12:00	05/14/14 20:03	1
<b>Chromium</b>	<b>0.66</b>		0.58		mg/Kg	☼	05/13/14 12:00	05/14/14 20:03	1
<b>Lead</b>	<b>0.93</b>		0.35		mg/Kg	☼	05/13/14 12:00	05/14/14 20:03	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.0		mg/Kg	☼	05/14/14 09:42	05/16/14 16:11	1



# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-04-SD-2014S**

**Lab Sample ID: 240-37110-20**

**Date Collected: 05/08/14 12:15**

**Matrix: Solid**

**Date Received: 05/09/14 08:00**

**Percent Solids: 79.4**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.1		mg/Kg	☼	05/13/14 12:00	05/14/14 20:07	1
<b>Chromium</b>	<b>0.71</b>		0.53		mg/Kg	☼	05/13/14 12:00	05/14/14 20:07	1
<b>Lead</b>	<b>0.77</b>		0.32		mg/Kg	☼	05/13/14 12:00	05/14/14 20:07	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.0		mg/Kg	☼	05/14/14 09:42	05/16/14 16:17	1



# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-5-2014-S**

**Lab Sample ID: 240-37135-1**

Date Collected: 05/08/14 09:30

Matrix: Water

Date Received: 05/09/14 10:00

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Bis(2-ethylhexyl) phthalate</b>	<b>6.3</b>		2.0		ug/L		05/10/14 11:31	05/21/14 15:42	1
2-Methylnaphthalene	ND		0.20		ug/L		05/10/14 11:31	05/21/14 15:42	1
Naphthalene	ND		0.20		ug/L		05/10/14 11:31	05/21/14 15:42	1
Pentachlorophenol	ND		40		ug/L		05/10/14 11:31	05/21/14 15:42	1
1,2,4,5-Tetrachlorobenzene	ND		1.0		ug/L		05/10/14 11:31	05/21/14 15:42	1
<b>1,2,4-Trichlorobenzene</b>	<b>1.0</b>		1.0		ug/L		05/10/14 11:31	05/21/14 15:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	61		29 - 110	05/10/14 11:31	05/21/14 15:42	1
2-Fluorophenol (Surr)	63		15 - 110	05/10/14 11:31	05/21/14 15:42	1
2,4,6-Tribromophenol (Surr)	58		21 - 128	05/10/14 11:31	05/21/14 15:42	1
Nitrobenzene-d5 (Surr)	65		31 - 110	05/10/14 11:31	05/21/14 15:42	1
Phenol-d5 (Surr)	68		10 - 110	05/10/14 11:31	05/21/14 15:42	1
Terphenyl-d14 (Surr)	78		31 - 115	05/10/14 11:31	05/21/14 15:42	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 19:04	1
<b>Chromium</b>	<b>33</b>		5.0		ug/L		05/14/14 10:52	05/15/14 19:04	1
<b>Lead</b>	<b>3.4</b>		3.0		ug/L		05/14/14 10:52	05/15/14 19:04	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 19:04	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-4-2014-S**

**Lab Sample ID: 240-37135-2**

**Date Collected: 05/08/14 10:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Bis(2-ethylhexyl) phthalate</b>	<b>9.4</b>		2.2		ug/L		05/10/14 11:31	05/21/14 16:52	1
2-Methylnaphthalene	ND		0.22		ug/L		05/10/14 11:31	05/21/14 16:52	1
Naphthalene	ND		0.22		ug/L		05/10/14 11:31	05/21/14 16:52	1
Pentachlorophenol	ND		43		ug/L		05/10/14 11:31	05/21/14 16:52	1
1,2,4,5-Tetrachlorobenzene	ND		1.1		ug/L		05/10/14 11:31	05/21/14 16:52	1
1,2,4-Trichlorobenzene	ND		1.1		ug/L		05/10/14 11:31	05/21/14 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	52		29 - 110	05/10/14 11:31	05/21/14 16:52	1
2-Fluorophenol (Surr)	49		15 - 110	05/10/14 11:31	05/21/14 16:52	1
2,4,6-Tribromophenol (Surr)	54		21 - 128	05/10/14 11:31	05/21/14 16:52	1
Nitrobenzene-d5 (Surr)	53		31 - 110	05/10/14 11:31	05/21/14 16:52	1
Phenol-d5 (Surr)	48		10 - 110	05/10/14 11:31	05/21/14 16:52	1
Terphenyl-d14 (Surr)	59		31 - 115	05/10/14 11:31	05/21/14 16:52	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>10</b>		10		ug/L		05/14/14 10:52	05/15/14 19:51	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 19:51	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 19:51	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 19:51	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-2-2014-S**

**Lab Sample ID: 240-37135-3**

**Date Collected: 05/08/14 10:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		2.2		ug/L		05/12/14 07:45	05/21/14 15:19	1
2-Methylnaphthalene	ND		0.22		ug/L		05/12/14 07:45	05/21/14 15:19	1
Naphthalene	ND		0.22		ug/L		05/12/14 07:45	05/21/14 15:19	1
Pentachlorophenol	ND		43		ug/L		05/12/14 07:45	05/21/14 15:19	1
1,2,4,5-Tetrachlorobenzene	ND		1.1		ug/L		05/12/14 07:45	05/21/14 15:19	1
<b>1,2,4-Trichlorobenzene</b>	<b>18</b>		1.1		ug/L		05/12/14 07:45	05/21/14 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	61		29 - 110	05/12/14 07:45	05/21/14 15:19	1
2-Fluorophenol (Surr)	61		15 - 110	05/12/14 07:45	05/21/14 15:19	1
2,4,6-Tribromophenol (Surr)	58		21 - 128	05/12/14 07:45	05/21/14 15:19	1
Nitrobenzene-d5 (Surr)	68		31 - 110	05/12/14 07:45	05/21/14 15:19	1
Phenol-d5 (Surr)	66		10 - 110	05/12/14 07:45	05/21/14 15:19	1
Terphenyl-d14 (Surr)	79		31 - 115	05/12/14 07:45	05/21/14 15:19	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 19:55	1
<b>Chromium</b>	<b>330</b>		5.0		ug/L		05/14/14 10:52	05/15/14 19:55	1
<b>Lead</b>	<b>5.4</b>		3.0		ug/L		05/14/14 10:52	05/15/14 19:55	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 19:55	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-1-2014-S**

**Lab Sample ID: 240-37135-4**

**Date Collected: 05/08/14 11:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 19:59	1
<b>Chromium</b>	<b>6.6</b>		5.0		ug/L		05/14/14 10:52	05/15/14 19:59	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 19:59	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-02-2014-S**

**Lab Sample ID: 240-37135-5**

Date Collected: 05/08/14 09:00

Matrix: Water

Date Received: 05/09/14 10:00

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		2.2		ug/L		05/12/14 07:45	05/21/14 14:55	1
2-Methylnaphthalene	ND		0.22		ug/L		05/12/14 07:45	05/21/14 14:55	1
Naphthalene	ND		0.22		ug/L		05/12/14 07:45	05/21/14 14:55	1
Pentachlorophenol	ND		43		ug/L		05/12/14 07:45	05/21/14 14:55	1
1,2,4,5-Tetrachlorobenzene	ND		1.1		ug/L		05/12/14 07:45	05/21/14 14:55	1
<b>1,2,4-Trichlorobenzene</b>	<b>18</b>		1.1		ug/L		05/12/14 07:45	05/21/14 14:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	58		29 - 110	05/12/14 07:45	05/21/14 14:55	1
2-Fluorophenol (Surr)	57		15 - 110	05/12/14 07:45	05/21/14 14:55	1
2,4,6-Tribromophenol (Surr)	54		21 - 128	05/12/14 07:45	05/21/14 14:55	1
Nitrobenzene-d5 (Surr)	65		31 - 110	05/12/14 07:45	05/21/14 14:55	1
Phenol-d5 (Surr)	60		10 - 110	05/12/14 07:45	05/21/14 14:55	1
Terphenyl-d14 (Surr)	75		31 - 115	05/12/14 07:45	05/21/14 14:55	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/16/14 14:27	1
<b>Chromium</b>	<b>320</b>		5.0		ug/L		05/14/14 10:52	05/16/14 14:27	1
<b>Lead</b>	<b>4.1</b>		3.0		ug/L		05/14/14 10:52	05/16/14 14:27	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/16/14 14:27	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-17-2014-S**

**Lab Sample ID: 240-37135-6**

**Date Collected: 05/08/14 13:10**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:15	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:15	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:15	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-9-2014-S**

**Lab Sample ID: 240-37135-7**

**Date Collected: 05/08/14 13:50**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:19	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:19	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:19	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-19-2014-S**

**Lab Sample ID: 240-37135-8**

**Date Collected: 05/08/14 15:15**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:23	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:23	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:23	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-12-2014-S**

**Lab Sample ID: 240-37135-9**

**Date Collected: 05/08/14 15:40**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 19:31	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 19:31	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 19:31	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-22-2014-S**

**Lab Sample ID: 240-37135-10**

**Date Collected: 05/08/14 16:05**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:27	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:27	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:27	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-03-SW-2014-S**

**Lab Sample ID: 240-37135-11**

**Date Collected: 05/08/14 12:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:31	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:31	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:31	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-301-GW**

**Lab Sample ID: 240-37135-12**

**Date Collected: 05/08/14 11:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		2.1		ug/L		05/12/14 07:45	05/21/14 14:32	1
2-Methylnaphthalene	ND		0.21		ug/L		05/12/14 07:45	05/21/14 14:32	1
Naphthalene	ND		0.21		ug/L		05/12/14 07:45	05/21/14 14:32	1
Pentachlorophenol	ND		42		ug/L		05/12/14 07:45	05/21/14 14:32	1
1,2,4,5-Tetrachlorobenzene	ND		1.0		ug/L		05/12/14 07:45	05/21/14 14:32	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L		05/12/14 07:45	05/21/14 14:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	61		29 - 110	05/12/14 07:45	05/21/14 14:32	1
2-Fluorophenol (Surr)	66		15 - 110	05/12/14 07:45	05/21/14 14:32	1
2,4,6-Tribromophenol (Surr)	50		21 - 128	05/12/14 07:45	05/21/14 14:32	1
Nitrobenzene-d5 (Surr)	70		31 - 110	05/12/14 07:45	05/21/14 14:32	1
Phenol-d5 (Surr)	62		10 - 110	05/12/14 07:45	05/21/14 14:32	1
Terphenyl-d14 (Surr)	81		31 - 115	05/12/14 07:45	05/21/14 14:32	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:35	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:35	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:35	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:35	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-302-SW**

**Lab Sample ID: 240-37135-13**

**Date Collected: 05/08/14 16:20**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:39	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:39	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:39	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-303-SD**

**Lab Sample ID: 240-37135-14**

**Date Collected: 05/08/14 16:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:43	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:43	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:43	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-5-2014-S**

**Lab Sample ID: 240-37154-1**

**Date Collected: 05/08/14 09:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.7		ug/L			05/17/14 19:35	6.67
1,1,2-Trichloroethane	ND		6.7		ug/L			05/17/14 19:35	6.67
1,1-Dichloroethane	ND		6.7		ug/L			05/17/14 19:35	6.67
1,1-Dichloroethene	ND		6.7		ug/L			05/17/14 19:35	6.67
1,2-Dichloroethane	ND		6.7		ug/L			05/17/14 19:35	6.67
1,2-Dichloropropane	ND		6.7		ug/L			05/17/14 19:35	6.67
Acetone	ND		6.7		ug/L			05/17/14 19:35	6.67
Benzene	ND		6.7		ug/L			05/17/14 19:35	6.67
Carbon disulfide	ND		6.7		ug/L			05/17/14 19:35	6.67
Chloroethane	ND		6.7		ug/L			05/17/14 19:35	6.67
<b>cis-1,2-Dichloroethene</b>	<b>210</b>		6.7		ug/L			05/17/14 19:35	6.67
Ethylbenzene	ND		6.7		ug/L			05/17/14 19:35	6.67
Methylene Chloride	ND		6.7		ug/L			05/17/14 19:35	6.67
Tetrachloroethene	ND		6.7		ug/L			05/17/14 19:35	6.67
Toluene	ND		6.7		ug/L			05/17/14 19:35	6.67
trans-1,2-Dichloroethene	ND		6.7		ug/L			05/17/14 19:35	6.67
<b>Trichloroethene</b>	<b>150</b>		6.7		ug/L			05/17/14 19:35	6.67
<b>Vinyl chloride</b>	<b>16</b>		6.7		ug/L			05/17/14 19:35	6.67
Xylenes, Total	ND		13		ug/L			05/17/14 19:35	6.67
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		63 - 129					05/17/14 19:35	6.67
4-Bromofluorobenzene (Surr)	80		66 - 120					05/17/14 19:35	6.67
Toluene-d8 (Surr)	92		74 - 120					05/17/14 19:35	6.67
Dibromofluoromethane (Surr)	85		75 - 121					05/17/14 19:35	6.67

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-4-2014-S**

**Lab Sample ID: 240-37154-2**

**Date Collected: 05/08/14 10:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100		ug/L			05/17/14 17:15	100
1,1,2-Trichloroethane	ND		100		ug/L			05/17/14 17:15	100
1,1-Dichloroethane	ND		100		ug/L			05/17/14 17:15	100
1,1-Dichloroethene	ND		100		ug/L			05/17/14 17:15	100
1,2-Dichloroethane	ND		100		ug/L			05/17/14 17:15	100
1,2-Dichloropropane	ND		100		ug/L			05/17/14 17:15	100
Acetone	ND		1000		ug/L			05/17/14 17:15	100
Benzene	ND		100		ug/L			05/17/14 17:15	100
Carbon disulfide	ND		100		ug/L			05/17/14 17:15	100
Chloroethane	ND		100		ug/L			05/17/14 17:15	100
<b>cis-1,2-Dichloroethene</b>	<b>2100</b>		100		ug/L			05/17/14 17:15	100
Ethylbenzene	ND		100		ug/L			05/17/14 17:15	100
Methylene Chloride	ND		100		ug/L			05/17/14 17:15	100
Tetrachloroethene	ND		100		ug/L			05/17/14 17:15	100
Toluene	ND		100		ug/L			05/17/14 17:15	100
<b>trans-1,2-Dichloroethene</b>	<b>120</b>		100		ug/L			05/17/14 17:15	100
<b>Trichloroethene</b>	<b>130</b>		100		ug/L			05/17/14 17:15	100
Vinyl chloride	ND		100		ug/L			05/17/14 17:15	100
Xylenes, Total	ND		200		ug/L			05/17/14 17:15	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129					05/17/14 17:15	100
4-Bromofluorobenzene (Surr)	79		66 - 120					05/17/14 17:15	100
Toluene-d8 (Surr)	93		74 - 120					05/17/14 17:15	100
Dibromofluoromethane (Surr)	87		75 - 121					05/17/14 17:15	100

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-2-2014-S**

**Lab Sample ID: 240-37154-3**

**Date Collected: 05/08/14 10:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		500		ug/L			05/19/14 20:10	500
1,1,2-Trichloroethane	ND		500		ug/L			05/19/14 20:10	500
1,1-Dichloroethane	ND		500		ug/L			05/19/14 20:10	500
1,1-Dichloroethene	ND		500		ug/L			05/19/14 20:10	500
1,2-Dichloroethane	ND		500		ug/L			05/19/14 20:10	500
1,2-Dichloropropane	ND		500		ug/L			05/19/14 20:10	500
Acetone	ND		5000		ug/L			05/19/14 20:10	500
Benzene	ND		500		ug/L			05/19/14 20:10	500
Carbon disulfide	ND		500		ug/L			05/19/14 20:10	500
Chloroethane	ND		500		ug/L			05/19/14 20:10	500
<b>cis-1,2-Dichloroethene</b>	<b>16000</b>		500		ug/L			05/19/14 20:10	500
Ethylbenzene	ND		500		ug/L			05/19/14 20:10	500
Methylene Chloride	ND		500		ug/L			05/19/14 20:10	500
Tetrachloroethene	ND		500		ug/L			05/19/14 20:10	500
Toluene	ND		500		ug/L			05/19/14 20:10	500
trans-1,2-Dichloroethene	ND		500		ug/L			05/19/14 20:10	500
<b>Trichloroethene</b>	<b>4600</b>		500		ug/L			05/19/14 20:10	500
Vinyl chloride	ND		500		ug/L			05/19/14 20:10	500
Xylenes, Total	ND		1000		ug/L			05/19/14 20:10	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		63 - 129					05/19/14 20:10	500
4-Bromofluorobenzene (Surr)	82		66 - 120					05/19/14 20:10	500
Toluene-d8 (Surr)	86		74 - 120					05/19/14 20:10	500
Dibromofluoromethane (Surr)	85		75 - 121					05/19/14 20:10	500

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# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-1-2014-S**

**Lab Sample ID: 240-37154-4**

**Date Collected: 05/08/14 11:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0		ug/L			05/17/14 18:02	5
1,1-Dichloroethene	ND		5.0		ug/L			05/17/14 18:02	5
1,2-Dichloroethane	ND		5.0		ug/L			05/17/14 18:02	5
Benzene	ND		5.0		ug/L			05/17/14 18:02	5
<b>cis-1,2-Dichloroethene</b>	<b>49</b>		5.0		ug/L			05/17/14 18:02	5
Tetrachloroethene	ND		5.0		ug/L			05/17/14 18:02	5
Toluene	ND		5.0		ug/L			05/17/14 18:02	5
<b>Trichloroethene</b>	<b>140</b>		5.0		ug/L			05/17/14 18:02	5
Vinyl chloride	ND		5.0		ug/L			05/17/14 18:02	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	79		63 - 129					05/17/14 18:02	5
4-Bromofluorobenzene (Surr)	79		66 - 120					05/17/14 18:02	5
Toluene-d8 (Surr)	93		74 - 120					05/17/14 18:02	5
Dibromofluoromethane (Surr)	86		75 - 121					05/17/14 18:02	5

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-02-2014-S**

**Lab Sample ID: 240-37154-5**

**Date Collected: 05/08/14 09:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		500		ug/L			05/20/14 12:08	500
1,1,2-Trichloroethane	ND		500		ug/L			05/20/14 12:08	500
1,1-Dichloroethane	ND		500		ug/L			05/20/14 12:08	500
1,1-Dichloroethene	ND		500		ug/L			05/20/14 12:08	500
1,2-Dichloroethane	ND		500		ug/L			05/20/14 12:08	500
1,2-Dichloropropane	ND		500		ug/L			05/20/14 12:08	500
Acetone	ND		5000		ug/L			05/20/14 12:08	500
Benzene	ND		500		ug/L			05/20/14 12:08	500
Carbon disulfide	ND		500		ug/L			05/20/14 12:08	500
Chloroethane	ND		500		ug/L			05/20/14 12:08	500
<b>cis-1,2-Dichloroethene</b>	<b>15000</b>		500		ug/L			05/20/14 12:08	500
Ethylbenzene	ND		500		ug/L			05/20/14 12:08	500
Methylene Chloride	ND		500		ug/L			05/20/14 12:08	500
Tetrachloroethene	ND		500		ug/L			05/20/14 12:08	500
Toluene	ND		500		ug/L			05/20/14 12:08	500
trans-1,2-Dichloroethene	ND		500		ug/L			05/20/14 12:08	500
<b>Trichloroethene</b>	<b>4400</b>		500		ug/L			05/20/14 12:08	500
Vinyl chloride	ND		500		ug/L			05/20/14 12:08	500
Xylenes, Total	ND		1000		ug/L			05/20/14 12:08	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	79		63 - 129					05/20/14 12:08	500
4-Bromofluorobenzene (Surr)	82		66 - 120					05/20/14 12:08	500
Toluene-d8 (Surr)	87		74 - 120					05/20/14 12:08	500
Dibromofluoromethane (Surr)	85		75 - 121					05/20/14 12:08	500

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-301-GW**

**Lab Sample ID: 240-37154-6**

**Date Collected: 05/08/14 11:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 18:49	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 18:49	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 18:49	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 18:49	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 18:49	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 18:49	1
Acetone	ND		10		ug/L			05/17/14 18:49	1
Benzene	ND		1.0		ug/L			05/17/14 18:49	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 18:49	1
Chloroethane	ND		1.0		ug/L			05/17/14 18:49	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 18:49	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 18:49	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 18:49	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 18:49	1
Toluene	ND		1.0		ug/L			05/17/14 18:49	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 18:49	1
Trichloroethene	ND		1.0		ug/L			05/17/14 18:49	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 18:49	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 18:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129		05/17/14 18:49	1
4-Bromofluorobenzene (Surr)	80		66 - 120		05/17/14 18:49	1
Toluene-d8 (Surr)	90		74 - 120		05/17/14 18:49	1
Dibromofluoromethane (Surr)	84		75 - 121		05/17/14 18:49	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-17-2014-S**

**Lab Sample ID: 240-37154-7**

**Date Collected: 05/08/14 13:10**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 19:11	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 19:11	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 19:11	1
Benzene	ND		1.0		ug/L			05/17/14 19:11	1
<b>cis-1,2-Dichloroethene</b>	<b>25</b>		1.0		ug/L			05/17/14 19:11	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 19:11	1
Toluene	ND		1.0		ug/L			05/17/14 19:11	1
<b>Trichloroethene</b>	<b>5.8</b>		1.0		ug/L			05/17/14 19:11	1
<b>Vinyl chloride</b>	<b>2.4</b>		1.0		ug/L			05/17/14 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		63 - 129					05/17/14 19:11	1
4-Bromofluorobenzene (Surr)	77		66 - 120					05/17/14 19:11	1
Toluene-d8 (Surr)	90		74 - 120					05/17/14 19:11	1
Dibromofluoromethane (Surr)	86		75 - 121					05/17/14 19:11	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-9-2014-S**

**Lab Sample ID: 240-37154-8**

**Date Collected: 05/08/14 13:50**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 20:45	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 20:45	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 20:45	1
Benzene	ND		1.0		ug/L			05/17/14 20:45	1
<b>cis-1,2-Dichloroethene</b>	<b>36</b>		1.0		ug/L			05/17/14 20:45	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 20:45	1
Toluene	ND		1.0		ug/L			05/17/14 20:45	1
<b>Trichloroethene</b>	<b>8.0</b>		1.0		ug/L			05/17/14 20:45	1
<b>Vinyl chloride</b>	<b>4.1</b>		1.0		ug/L			05/17/14 20:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129					05/17/14 20:45	1
4-Bromofluorobenzene (Surr)	77		66 - 120					05/17/14 20:45	1
Toluene-d8 (Surr)	91		74 - 120					05/17/14 20:45	1
Dibromofluoromethane (Surr)	86		75 - 121					05/17/14 20:45	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-19-2014-S**

**Lab Sample ID: 240-37154-9**

**Date Collected: 05/08/14 15:15**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		2.0		ug/L			05/17/14 21:09	2
1,1-Dichloroethene	ND		2.0		ug/L			05/17/14 21:09	2
1,2-Dichloroethane	ND		2.0		ug/L			05/17/14 21:09	2
Benzene	ND		2.0		ug/L			05/17/14 21:09	2
<b>cis-1,2-Dichloroethene</b>	<b>60</b>		2.0		ug/L			05/17/14 21:09	2
Tetrachloroethene	ND		2.0		ug/L			05/17/14 21:09	2
Toluene	ND		2.0		ug/L			05/17/14 21:09	2
<b>Trichloroethene</b>	<b>6.9</b>		2.0		ug/L			05/17/14 21:09	2
<b>Vinyl chloride</b>	<b>10</b>		2.0		ug/L			05/17/14 21:09	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		63 - 129					05/17/14 21:09	2
4-Bromofluorobenzene (Surr)	79		66 - 120					05/17/14 21:09	2
Toluene-d8 (Surr)	89		74 - 120					05/17/14 21:09	2
Dibromofluoromethane (Surr)	84		75 - 121					05/17/14 21:09	2

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-12-2014-S**

**Lab Sample ID: 240-37154-10**

**Date Collected: 05/08/14 15:40**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/19/14 14:27	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 14:27	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 14:27	1
Benzene	ND		1.0		ug/L			05/19/14 14:27	1
<b>cis-1,2-Dichloroethene</b>	<b>4.5</b>		1.0		ug/L			05/19/14 14:27	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 14:27	1
Toluene	ND		1.0		ug/L			05/19/14 14:27	1
<b>Trichloroethene</b>	<b>8.7</b>		1.0		ug/L			05/19/14 14:27	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 14:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129					05/19/14 14:27	1
4-Bromofluorobenzene (Surr)	79		66 - 120					05/19/14 14:27	1
Toluene-d8 (Surr)	92		74 - 120					05/19/14 14:27	1
Dibromofluoromethane (Surr)	97		75 - 121					05/19/14 14:27	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-22-2014-S**

**Lab Sample ID: 240-37154-11**

**Date Collected: 05/08/14 16:05**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 21:32	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 21:32	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 21:32	1
Benzene	ND		1.0		ug/L			05/17/14 21:32	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 21:32	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 21:32	1
Toluene	ND		1.0		ug/L			05/17/14 21:32	1
Trichloroethene	ND		1.0		ug/L			05/17/14 21:32	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129		05/17/14 21:32	1
4-Bromofluorobenzene (Surr)	77		66 - 120		05/17/14 21:32	1
Toluene-d8 (Surr)	90		74 - 120		05/17/14 21:32	1
Dibromofluoromethane (Surr)	85		75 - 121		05/17/14 21:32	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-03-SW-2014-S**

**Lab Sample ID: 240-37154-12**

**Date Collected: 05/08/14 12:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.7		ug/L			05/17/14 21:56	1.67
1,1-Dichloroethene	ND		1.7		ug/L			05/17/14 21:56	1.67
1,2-Dichloroethane	ND		1.7		ug/L			05/17/14 21:56	1.67
Benzene	ND		1.7		ug/L			05/17/14 21:56	1.67
<b>cis-1,2-Dichloroethene</b>	<b>58</b>		1.7		ug/L			05/17/14 21:56	1.67
Tetrachloroethene	ND		1.7		ug/L			05/17/14 21:56	1.67
Toluene	ND		1.7		ug/L			05/17/14 21:56	1.67
<b>Trichloroethene</b>	<b>6.8</b>		1.7		ug/L			05/17/14 21:56	1.67
<b>Vinyl chloride</b>	<b>9.8</b>		1.7		ug/L			05/17/14 21:56	1.67
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	78		63 - 129					05/17/14 21:56	1.67
4-Bromofluorobenzene (Surr)	79		66 - 120					05/17/14 21:56	1.67
Toluene-d8 (Surr)	90		74 - 120					05/17/14 21:56	1.67
Dibromofluoromethane (Surr)	86		75 - 121					05/17/14 21:56	1.67

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: TB-301-2014S**

**Lab Sample ID: 240-37154-13**

**Date Collected: 05/08/14 00:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/20/14 13:31	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 13:31	1
1,1-Dichloroethane	ND		1.0		ug/L			05/20/14 13:31	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 13:31	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 13:31	1
1,2-Dichloropropane	ND		1.0		ug/L			05/20/14 13:31	1
Acetone	ND		10		ug/L			05/20/14 13:31	1
Benzene	ND		1.0		ug/L			05/20/14 13:31	1
Carbon disulfide	ND		1.0		ug/L			05/20/14 13:31	1
Chloroethane	ND	*	1.0		ug/L			05/20/14 13:31	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 13:31	1
Ethylbenzene	ND		1.0		ug/L			05/20/14 13:31	1
Methylene Chloride	ND		1.0		ug/L			05/20/14 13:31	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 13:31	1
Toluene	ND		1.0		ug/L			05/20/14 13:31	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 13:31	1
Trichloroethene	ND		1.0		ug/L			05/20/14 13:31	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 13:31	1
Xylenes, Total	ND		2.0		ug/L			05/20/14 13:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		63 - 129					05/20/14 13:31	1
4-Bromofluorobenzene (Surr)	83		66 - 120					05/20/14 13:31	1
Toluene-d8 (Surr)	82		74 - 120					05/20/14 13:31	1
Dibromofluoromethane (Surr)	109		75 - 121					05/20/14 13:31	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-302-SW**

**Lab Sample ID: 240-37154-14**

**Date Collected: 05/08/14 16:20**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/19/14 15:12	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 15:12	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 15:12	1
Benzene	ND		1.0		ug/L			05/19/14 15:12	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 15:12	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 15:12	1
Toluene	ND		1.0		ug/L			05/19/14 15:12	1
Trichloroethene	ND		1.0		ug/L			05/19/14 15:12	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 15:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		05/19/14 15:12	1
4-Bromofluorobenzene (Surr)	73		66 - 120		05/19/14 15:12	1
Toluene-d8 (Surr)	94		74 - 120		05/19/14 15:12	1
Dibromofluoromethane (Surr)	89		75 - 121		05/19/14 15:12	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-17-2014-S**

**Lab Sample ID: 240-37154-15**

**Date Collected: 05/08/14 13:15**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 79.6**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1
1,1-Dichloroethene	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1
1,2-Dichloroethane	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1
Benzene	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1
cis-1,2-Dichloroethene	ND		2.9		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1
Tetrachloroethene	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1
Toluene	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1
Trichloroethene	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1
Vinyl chloride	ND		12		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		39 - 128	05/15/14 12:14	05/15/14 16:13	1
4-Bromofluorobenzene (Surr)	102		26 - 141	05/15/14 12:14	05/15/14 16:13	1
Toluene-d8 (Surr)	107		33 - 134	05/15/14 12:14	05/15/14 16:13	1
Dibromofluoromethane (Surr)	99		37 - 122	05/15/14 12:14	05/15/14 16:13	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-9-2014-S**

**Lab Sample ID: 240-37154-16**

**Date Collected: 05/08/14 14:00**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 80.8**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6		ug/L	☼	05/15/14 12:14	05/15/14 16:39	1
1,1-Dichloroethene	ND		5.6		ug/L	☼	05/15/14 12:14	05/15/14 16:39	1
1,2-Dichloroethane	ND		5.6		ug/L	☼	05/15/14 12:14	05/15/14 16:39	1
Benzene	ND		5.6		ug/L	☼	05/15/14 12:14	05/15/14 16:39	1
cis-1,2-Dichloroethene	ND		2.8		ug/L	☼	05/15/14 12:14	05/15/14 16:39	1
Tetrachloroethene	ND		5.6		ug/L	☼	05/15/14 12:14	05/15/14 16:39	1
Toluene	ND		5.6		ug/L	☼	05/15/14 12:14	05/15/14 16:39	1
Trichloroethene	ND		5.6		ug/L	☼	05/15/14 12:14	05/15/14 16:39	1
Vinyl chloride	ND		11		ug/L	☼	05/15/14 12:14	05/15/14 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		39 - 128				05/15/14 12:14	05/15/14 16:39	1
4-Bromofluorobenzene (Surr)	101		26 - 141				05/15/14 12:14	05/15/14 16:39	1
Toluene-d8 (Surr)	108		33 - 134				05/15/14 12:14	05/15/14 16:39	1
Dibromofluoromethane (Surr)	97		37 - 122				05/15/14 12:14	05/15/14 16:39	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-4-2014-S**

**Lab Sample ID: 240-37154-17**

**Date Collected: 05/08/14 15:20**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 80.8**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 17:04	1
1,1-Dichloroethene	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 17:04	1
1,2-Dichloroethane	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 17:04	1
Benzene	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 17:04	1
<b>cis-1,2-Dichloroethene</b>	<b>3.0</b>		2.9		ug/L	☼	05/15/14 12:14	05/15/14 17:04	1
Tetrachloroethene	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 17:04	1
Toluene	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 17:04	1
Trichloroethene	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 17:04	1
Vinyl chloride	ND		12		ug/L	☼	05/15/14 12:14	05/15/14 17:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		39 - 128				05/15/14 12:14	05/15/14 17:04	1
4-Bromofluorobenzene (Surr)	101		26 - 141				05/15/14 12:14	05/15/14 17:04	1
Toluene-d8 (Surr)	106		33 - 134				05/15/14 12:14	05/15/14 17:04	1
Dibromofluoromethane (Surr)	99		37 - 122				05/15/14 12:14	05/15/14 17:04	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-12-2014-S**

**Lab Sample ID: 240-37154-18**

**Date Collected: 05/08/14 15:45**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 74.7**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		11		ug/L	☼	05/16/14 12:20	05/16/14 15:45	1
1,1-Dichloroethene	ND		11		ug/L	☼	05/16/14 12:20	05/16/14 15:45	1
1,2-Dichloroethane	ND		11		ug/L	☼	05/16/14 12:20	05/16/14 15:45	1
Benzene	ND		11		ug/L	☼	05/16/14 12:20	05/16/14 15:45	1
<b>cis-1,2-Dichloroethene</b>	<b>46</b>		5.3		ug/L	☼	05/16/14 12:20	05/16/14 15:45	1
Tetrachloroethene	ND		11		ug/L	☼	05/16/14 12:20	05/16/14 15:45	1
Toluene	ND		11		ug/L	☼	05/16/14 12:20	05/16/14 15:45	1
<b>Trichloroethene</b>	<b>140</b>		11		ug/L	☼	05/16/14 12:20	05/16/14 15:45	1
Vinyl chloride	ND		21		ug/L	☼	05/16/14 12:20	05/16/14 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		39 - 128	05/16/14 12:20	05/16/14 15:45	1
4-Bromofluorobenzene (Surr)	81		26 - 141	05/16/14 12:20	05/16/14 15:45	1
Toluene-d8 (Surr)	88		33 - 134	05/16/14 12:20	05/16/14 15:45	1
Dibromofluoromethane (Surr)	82		37 - 122	05/16/14 12:20	05/16/14 15:45	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-7-2014-S**

**Lab Sample ID: 240-37154-19**

**Date Collected: 05/08/14 16:10**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 79.7**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
1,1-Dichloroethene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
1,2-Dichloroethane	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
Benzene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
cis-1,2-Dichloroethene	ND		2.8		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
Tetrachloroethene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
Toluene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
Trichloroethene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
Vinyl chloride	ND		11		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		39 - 128				05/15/14 12:14	05/15/14 18:44	1
4-Bromofluorobenzene (Surr)	102		26 - 141				05/15/14 12:14	05/15/14 18:44	1
Toluene-d8 (Surr)	106		33 - 134				05/15/14 12:14	05/15/14 18:44	1
Dibromofluoromethane (Surr)	98		37 - 122				05/15/14 12:14	05/15/14 18:44	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-04-SD-2014-S**

**Lab Sample ID: 240-37154-20**

**Date Collected: 05/08/14 12:15**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 81.8**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1
1,1-Dichloroethene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1
1,2-Dichloroethane	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1
Benzene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1
<b>cis-1,2-Dichloroethene</b>	<b>3.5</b>		2.7		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1
Tetrachloroethene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1
Toluene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1
Trichloroethene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1
Vinyl chloride	ND		11		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		39 - 128	05/15/14 12:14	05/15/14 19:10	1
4-Bromofluorobenzene (Surr)	101		26 - 141	05/15/14 12:14	05/15/14 19:10	1
Toluene-d8 (Surr)	107		33 - 134	05/15/14 12:14	05/15/14 19:10	1
Dibromofluoromethane (Surr)	99		37 - 122	05/15/14 12:14	05/15/14 19:10	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-303-SD**

**Lab Sample ID: 240-37154-21**

**Date Collected: 05/08/14 16:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/19/14 15:34	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 15:34	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 15:34	1
Benzene	ND		1.0		ug/L			05/19/14 15:34	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 15:34	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 15:34	1
Toluene	ND		1.0		ug/L			05/19/14 15:34	1
Trichloroethene	ND		1.0		ug/L			05/19/14 15:34	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129					05/19/14 15:34	1
4-Bromofluorobenzene (Surr)	78		66 - 120					05/19/14 15:34	1
Toluene-d8 (Surr)	88		74 - 120					05/19/14 15:34	1
Dibromofluoromethane (Surr)	93		75 - 121					05/19/14 15:34	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-11-2014-S**

**Lab Sample ID: 240-37219-1**

**Date Collected: 05/09/14 09:10**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 13:36	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 13:36	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 13:36	1
Benzene	ND		1.0		ug/L			05/20/14 13:36	1
<b>cis-1,2-Dichloroethene</b>	<b>1.2</b>		1.0		ug/L			05/20/14 13:36	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 13:36	1
Toluene	ND		1.0		ug/L			05/20/14 13:36	1
<b>Trichloroethene</b>	<b>4.0</b>		1.0		ug/L			05/20/14 13:36	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		05/20/14 13:36	1
4-Bromofluorobenzene (Surr)	75		66 - 120		05/20/14 13:36	1
Toluene-d8 (Surr)	93		74 - 120		05/20/14 13:36	1
Dibromofluoromethane (Surr)	91		75 - 121		05/20/14 13:36	1

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:19	1
<b>Chromium</b>	<b>9.2</b>		5.0		ug/L		05/14/14 10:23	05/15/14 21:19	1
<b>Lead</b>	<b>6.2</b>		3.0		ug/L		05/14/14 10:23	05/15/14 21:19	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			05/10/14 12:18	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-7-2014-S**

**Lab Sample ID: 240-37219-2**

**Date Collected: 05/09/14 10:20**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 19:57	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 19:57	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 19:57	1
Benzene	ND		1.0		ug/L			05/20/14 19:57	1
<b>cis-1,2-Dichloroethene</b>	<b>3.4</b>		1.0		ug/L			05/20/14 19:57	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 19:57	1
Toluene	ND		1.0		ug/L			05/20/14 19:57	1
<b>Trichloroethene</b>	<b>30</b>		1.0		ug/L			05/20/14 19:57	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		63 - 129		05/20/14 19:57	1
4-Bromofluorobenzene (Surr)	73		66 - 120		05/20/14 19:57	1
Toluene-d8 (Surr)	93		74 - 120		05/20/14 19:57	1
Dibromofluoromethane (Surr)	91		75 - 121		05/20/14 19:57	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:22	1
<b>Chromium</b>	<b>5.3</b>		5.0		ug/L		05/14/14 10:23	05/15/14 21:22	1
<b>Lead</b>	<b>4.2</b>		3.0		ug/L		05/14/14 10:23	05/15/14 21:22	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			05/10/14 12:30	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-25-2014-S**

**Lab Sample ID: 240-37219-3**

**Date Collected: 05/09/14 12:20**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1300		ug/L			05/20/14 22:35	1250
1,1-Dichloroethene	ND		1300		ug/L			05/20/14 22:35	1250
1,2-Dichloroethane	ND		1300		ug/L			05/20/14 22:35	1250
Benzene	ND		1300		ug/L			05/20/14 22:35	1250
<b>cis-1,2-Dichloroethene</b>	<b>13000</b>		1300		ug/L			05/20/14 22:35	1250
Tetrachloroethene	ND		1300		ug/L			05/20/14 22:35	1250
Toluene	ND		1300		ug/L			05/20/14 22:35	1250
<b>Trichloroethene</b>	<b>73000</b>		1300		ug/L			05/20/14 22:35	1250
Vinyl chloride	ND		1300		ug/L			05/20/14 22:35	1250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		05/20/14 22:35	1250
4-Bromofluorobenzene (Surr)	74		66 - 120		05/20/14 22:35	1250
Toluene-d8 (Surr)	92		74 - 120		05/20/14 22:35	1250
Dibromofluoromethane (Surr)	89		75 - 121		05/20/14 22:35	1250

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:26	1
<b>Chromium</b>	<b>17</b>		5.0		ug/L		05/14/14 10:23	05/15/14 21:26	1
<b>Lead</b>	<b>14</b>		3.0		ug/L		05/14/14 10:23	05/15/14 21:26	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/10/14 12:10	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-53-2014-S**

**Lab Sample ID: 240-37219-4**

**Date Collected: 05/09/14 15:00**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		10		ug/L			05/20/14 14:21	10
1,1-Dichloroethene	ND		10		ug/L			05/20/14 14:21	10
1,2-Dichloroethane	ND		10		ug/L			05/20/14 14:21	10
Benzene	ND		10		ug/L			05/20/14 14:21	10
<b>cis-1,2-Dichloroethene</b>	<b>83</b>		10		ug/L			05/20/14 14:21	10
Tetrachloroethene	ND		10		ug/L			05/20/14 14:21	10
Toluene	ND		10		ug/L			05/20/14 14:21	10
<b>Trichloroethene</b>	<b>220</b>		10		ug/L			05/20/14 14:21	10
Vinyl chloride	ND		10		ug/L			05/20/14 14:21	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		05/20/14 14:21	10
4-Bromofluorobenzene (Surr)	76		66 - 120		05/20/14 14:21	10
Toluene-d8 (Surr)	90		74 - 120		05/20/14 14:21	10
Dibromofluoromethane (Surr)	94		75 - 121		05/20/14 14:21	10

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:30	1
<b>Chromium</b>	<b>20</b>		5.0		ug/L		05/14/14 10:23	05/15/14 21:30	1
<b>Lead</b>	<b>4.8</b>		3.0		ug/L		05/14/14 10:23	05/15/14 21:30	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/10/14 12:15	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-401-2014-S**

**Lab Sample ID: 240-37219-5**

**Date Collected: 05/09/14 15:50**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 20:20	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 20:20	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 20:20	1
Benzene	ND		1.0		ug/L			05/20/14 20:20	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 20:20	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 20:20	1
Toluene	ND		1.0		ug/L			05/20/14 20:20	1
Trichloroethene	ND		1.0		ug/L			05/20/14 20:20	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		05/20/14 20:20	1
4-Bromofluorobenzene (Surr)	73		66 - 120		05/20/14 20:20	1
Toluene-d8 (Surr)	94		74 - 120		05/20/14 20:20	1
Dibromofluoromethane (Surr)	89		75 - 121		05/20/14 20:20	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:34	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 21:34	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 21:34	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/10/14 12:17	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-5-2014-S**

**Lab Sample ID: 240-37219-6**

**Date Collected: 05/09/14 17:10**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		250		ug/L			05/20/14 14:43	250
1,1-Dichloroethene	ND		250		ug/L			05/20/14 14:43	250
1,2-Dichloroethane	ND		250		ug/L			05/20/14 14:43	250
Benzene	ND		250		ug/L			05/20/14 14:43	250
<b>cis-1,2-Dichloroethene</b>	<b>4500</b>		250		ug/L			05/20/14 14:43	250
Tetrachloroethene	ND		250		ug/L			05/20/14 14:43	250
Toluene	ND		250		ug/L			05/20/14 14:43	250
<b>Trichloroethene</b>	<b>14000</b>		250		ug/L			05/20/14 14:43	250
Vinyl chloride	ND		250		ug/L			05/20/14 14:43	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		05/20/14 14:43	250
4-Bromofluorobenzene (Surr)	74		66 - 120		05/20/14 14:43	250
Toluene-d8 (Surr)	95		74 - 120		05/20/14 14:43	250
Dibromofluoromethane (Surr)	90		75 - 121		05/20/14 14:43	250

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 20:59	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 20:59	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 20:59	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/10/14 12:01	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: TB-401-2014S**

**Lab Sample ID: 240-37219-7**

**Date Collected: 05/09/14 00:00**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 20:42	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 20:42	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 20:42	1
Benzene	ND		1.0		ug/L			05/20/14 20:42	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 20:42	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 20:42	1
Toluene	ND		1.0		ug/L			05/20/14 20:42	1
Trichloroethene	ND		1.0		ug/L			05/20/14 20:42	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 20:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129					05/20/14 20:42	1
4-Bromofluorobenzene (Surr)	74		66 - 120					05/20/14 20:42	1
Toluene-d8 (Surr)	92		74 - 120					05/20/14 20:42	1
Dibromofluoromethane (Surr)	89		75 - 121					05/20/14 20:42	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-8-2014-S**

**Lab Sample ID: 240-37266-1**

**Date Collected: 05/12/14 09:40**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		2.5		ug/L			05/17/14 21:16	2.5
1,1-Dichloroethene	ND		2.5		ug/L			05/17/14 21:16	2.5
1,2-Dichloroethane	ND		2.5		ug/L			05/17/14 21:16	2.5
Benzene	ND		2.5		ug/L			05/17/14 21:16	2.5
<b>cis-1,2-Dichloroethene</b>	<b>3.9</b>		2.5		ug/L			05/17/14 21:16	2.5
Tetrachloroethene	ND		2.5		ug/L			05/17/14 21:16	2.5
Toluene	ND		2.5		ug/L			05/17/14 21:16	2.5
<b>Trichloroethene</b>	<b>70</b>		2.5		ug/L			05/17/14 21:16	2.5
Vinyl chloride	ND		2.5		ug/L			05/17/14 21:16	2.5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	109		63 - 129					05/17/14 21:16	2.5
4-Bromofluorobenzene (Surr)	83		66 - 120					05/17/14 21:16	2.5
Toluene-d8 (Surr)	86		74 - 120					05/17/14 21:16	2.5
Dibromofluoromethane (Surr)	98		75 - 121					05/17/14 21:16	2.5

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:46	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 21:46	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 21:46	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:00	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-23-2014-S**

**Lab Sample ID: 240-37266-2**

**Date Collected: 05/12/14 10:20**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		17		ug/L			05/17/14 21:39	16.67
1,1,2-Trichloroethane	ND		17		ug/L			05/17/14 21:39	16.67
1,1-Dichloroethane	ND		17		ug/L			05/17/14 21:39	16.67
1,1-Dichloroethene	ND		17		ug/L			05/17/14 21:39	16.67
1,2-Dichloroethane	ND		17		ug/L			05/17/14 21:39	16.67
1,2-Dichloropropane	ND		17		ug/L			05/17/14 21:39	16.67
Acetone	ND		170		ug/L			05/17/14 21:39	16.67
Benzene	ND		17		ug/L			05/17/14 21:39	16.67
Carbon disulfide	ND		17		ug/L			05/17/14 21:39	16.67
Chloroethane	ND		17		ug/L			05/17/14 21:39	16.67
<b>cis-1,2-Dichloroethene</b>	<b>280</b>		17		ug/L			05/17/14 21:39	16.67
Ethylbenzene	ND		17		ug/L			05/17/14 21:39	16.67
Methylene Chloride	ND		17		ug/L			05/17/14 21:39	16.67
Tetrachloroethene	ND		17		ug/L			05/17/14 21:39	16.67
Toluene	ND		17		ug/L			05/17/14 21:39	16.67
trans-1,2-Dichloroethene	ND		17		ug/L			05/17/14 21:39	16.67
<b>Trichloroethene</b>	<b>410</b>		17		ug/L			05/17/14 21:39	16.67
Vinyl chloride	ND		17		ug/L			05/17/14 21:39	16.67
Xylenes, Total	ND		33		ug/L			05/17/14 21:39	16.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		05/17/14 21:39	16.67
4-Bromofluorobenzene (Surr)	85		66 - 120		05/17/14 21:39	16.67
Toluene-d8 (Surr)	90		74 - 120		05/17/14 21:39	16.67
Dibromofluoromethane (Surr)	99		75 - 121		05/17/14 21:39	16.67

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		2.1		ug/L		05/14/14 08:59	05/21/14 17:39	1
2-Methylnaphthalene	ND		0.21		ug/L		05/14/14 08:59	05/21/14 17:39	1
Naphthalene	ND		0.21		ug/L		05/14/14 08:59	05/21/14 17:39	1
Pentachlorophenol	ND		42		ug/L		05/14/14 08:59	05/21/14 17:39	1
1,2,4,5-Tetrachlorobenzene	ND		1.0		ug/L		05/14/14 08:59	05/21/14 17:39	1
<b>1,2,4-Trichlorobenzene</b>	<b>6.0</b>		1.0		ug/L		05/14/14 08:59	05/21/14 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	64		29 - 110	05/14/14 08:59	05/21/14 17:39	1
2-Fluorophenol (Surr)	61		15 - 110	05/14/14 08:59	05/21/14 17:39	1
2,4,6-Tribromophenol (Surr)	65		21 - 128	05/14/14 08:59	05/21/14 17:39	1
Nitrobenzene-d5 (Surr)	71		31 - 110	05/14/14 08:59	05/21/14 17:39	1
Phenol-d5 (Surr)	47		10 - 110	05/14/14 08:59	05/21/14 17:39	1
Terphenyl-d14 (Surr)	84		31 - 115	05/14/14 08:59	05/21/14 17:39	1

## Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:50	1
<b>Chromium</b>	<b>32</b>		5.0		ug/L		05/14/14 10:23	05/15/14 21:50	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 21:50	1
Selenium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 21:50	1

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-23-2014-S**

**Lab Sample ID: 240-37266-2**

**Date Collected: 05/12/14 10:20**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:03	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-13-2014-S**

**Lab Sample ID: 240-37266-3**

**Date Collected: 05/12/14 10:55**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		2.5		ug/L			05/17/14 22:02	2.5
1,1-Dichloroethene	ND		2.5		ug/L			05/17/14 22:02	2.5
1,2-Dichloroethane	ND		2.5		ug/L			05/17/14 22:02	2.5
Benzene	ND		2.5		ug/L			05/17/14 22:02	2.5
<b>cis-1,2-Dichloroethene</b>	<b>51</b>		2.5		ug/L			05/17/14 22:02	2.5
Tetrachloroethene	ND		2.5		ug/L			05/17/14 22:02	2.5
Toluene	ND		2.5		ug/L			05/17/14 22:02	2.5
<b>Trichloroethene</b>	<b>35</b>		2.5		ug/L			05/17/14 22:02	2.5
Vinyl chloride	ND		2.5		ug/L			05/17/14 22:02	2.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		05/17/14 22:02	2.5
4-Bromofluorobenzene (Surr)	86		66 - 120		05/17/14 22:02	2.5
Toluene-d8 (Surr)	89		74 - 120		05/17/14 22:02	2.5
Dibromofluoromethane (Surr)	100		75 - 121		05/17/14 22:02	2.5

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:54	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 21:54	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 21:54	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:04	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-16-2014-S**

**Lab Sample ID: 240-37266-4**

Date Collected: 05/12/14 11:30

Matrix: Water

Date Received: 05/13/14 09:20

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		25		ug/L			05/17/14 22:24	25
1,1-Dichloroethene	ND		25		ug/L			05/17/14 22:24	25
1,2-Dichloroethane	ND		25		ug/L			05/17/14 22:24	25
Benzene	ND		25		ug/L			05/17/14 22:24	25
<b>cis-1,2-Dichloroethene</b>	<b>590</b>		25		ug/L			05/17/14 22:24	25
Tetrachloroethene	ND		25		ug/L			05/17/14 22:24	25
Toluene	ND		25		ug/L			05/17/14 22:24	25
<b>Trichloroethene</b>	<b>600</b>		25		ug/L			05/17/14 22:24	25
<b>Vinyl chloride</b>	<b>41</b>		25		ug/L			05/17/14 22:24	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		05/17/14 22:24	25
4-Bromofluorobenzene (Surr)	83		66 - 120		05/17/14 22:24	25
Toluene-d8 (Surr)	89		74 - 120		05/17/14 22:24	25
Dibromofluoromethane (Surr)	101		75 - 121		05/17/14 22:24	25

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:58	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 21:58	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 21:58	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:05	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-501-2014-S**

**Lab Sample ID: 240-37266-5**

**Date Collected: 05/12/14 12:00**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 22:47	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 22:47	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 22:47	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 22:47	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 22:47	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 22:47	1
Acetone	ND		10		ug/L			05/17/14 22:47	1
Benzene	ND		1.0		ug/L			05/17/14 22:47	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 22:47	1
Chloroethane	ND		1.0		ug/L			05/17/14 22:47	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 22:47	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 22:47	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 22:47	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 22:47	1
Toluene	ND		1.0		ug/L			05/17/14 22:47	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 22:47	1
Trichloroethene	ND		1.0		ug/L			05/17/14 22:47	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 22:47	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 22:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 129		05/17/14 22:47	1
4-Bromofluorobenzene (Surr)	85		66 - 120		05/17/14 22:47	1
Toluene-d8 (Surr)	88		74 - 120		05/17/14 22:47	1
Dibromofluoromethane (Surr)	102		75 - 121		05/17/14 22:47	1

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		2.0		ug/L		05/14/14 08:59	05/21/14 17:15	1
2-Methylnaphthalene	ND		0.20		ug/L		05/14/14 08:59	05/21/14 17:15	1
Naphthalene	ND		0.20		ug/L		05/14/14 08:59	05/21/14 17:15	1
Pentachlorophenol	ND		40		ug/L		05/14/14 08:59	05/21/14 17:15	1
1,2,4,5-Tetrachlorobenzene	ND		1.0		ug/L		05/14/14 08:59	05/21/14 17:15	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L		05/14/14 08:59	05/21/14 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	67		29 - 110	05/14/14 08:59	05/21/14 17:15	1
2-Fluorophenol (Surr)	70		15 - 110	05/14/14 08:59	05/21/14 17:15	1
2,4,6-Tribromophenol (Surr)	67		21 - 128	05/14/14 08:59	05/21/14 17:15	1
Nitrobenzene-d5 (Surr)	74		31 - 110	05/14/14 08:59	05/21/14 17:15	1
Phenol-d5 (Surr)	76		10 - 110	05/14/14 08:59	05/21/14 17:15	1
Terphenyl-d14 (Surr)	94		31 - 115	05/14/14 08:59	05/21/14 17:15	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 22:02	1
<b>Chromium</b>	<b>9.8</b>		5.0		ug/L		05/14/14 10:23	05/15/14 22:02	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 22:02	1
Selenium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 22:02	1

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-501-2014-S**

**Lab Sample ID: 240-37266-5**

**Date Collected: 05/12/14 12:00**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:06	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-54-2014-S**

**Lab Sample ID: 240-37266-6**

**Date Collected: 05/12/14 12:40**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		50		ug/L			05/17/14 17:31	50
1,1-Dichloroethene	ND		50		ug/L			05/17/14 17:31	50
1,2-Dichloroethane	ND		50		ug/L			05/17/14 17:31	50
Benzene	ND		50		ug/L			05/17/14 17:31	50
<b>cis-1,2-Dichloroethene</b>	<b>410</b>		50		ug/L			05/17/14 17:31	50
Tetrachloroethene	ND		50		ug/L			05/17/14 17:31	50
Toluene	ND		50		ug/L			05/17/14 17:31	50
<b>Trichloroethene</b>	<b>1200</b>		50		ug/L			05/17/14 17:31	50
<b>Vinyl chloride</b>	<b>68</b>		50		ug/L			05/17/14 17:31	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		05/17/14 17:31	50
4-Bromofluorobenzene (Surr)	87		66 - 120		05/17/14 17:31	50
Toluene-d8 (Surr)	94		74 - 120		05/17/14 17:31	50
Dibromofluoromethane (Surr)	98		75 - 121		05/17/14 17:31	50

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 22:07	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 22:07	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 22:07	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:07	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-10-2014-S**

**Lab Sample ID: 240-37266-7**

**Date Collected: 05/12/14 14:00**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		2.0		ug/L			05/19/14 14:30	2
1,1-Dichloroethene	ND		2.0		ug/L			05/19/14 14:30	2
1,2-Dichloroethane	ND		2.0		ug/L			05/19/14 14:30	2
Benzene	ND		2.0		ug/L			05/19/14 14:30	2
<b>cis-1,2-Dichloroethene</b>	<b>41</b>		2.0		ug/L			05/19/14 14:30	2
Tetrachloroethene	ND		2.0		ug/L			05/19/14 14:30	2
Toluene	ND		2.0		ug/L			05/19/14 14:30	2
<b>Trichloroethene</b>	<b>51</b>		2.0		ug/L			05/19/14 14:30	2
Vinyl chloride	ND		2.0		ug/L			05/19/14 14:30	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		05/19/14 14:30	2
4-Bromofluorobenzene (Surr)	92		66 - 120		05/19/14 14:30	2
Toluene-d8 (Surr)	88		74 - 120		05/19/14 14:30	2
Dibromofluoromethane (Surr)	102		75 - 121		05/19/14 14:30	2

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 22:11	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 22:11	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 22:11	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:10	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-9-2014-S**

**Lab Sample ID: 240-37266-8**

**Date Collected: 05/12/14 16:10**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 20:01	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 20:01	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 20:01	1
Benzene	ND		1.0		ug/L			05/17/14 20:01	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 20:01	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 20:01	1
Toluene	ND		1.0		ug/L			05/17/14 20:01	1
Trichloroethene	ND		1.0		ug/L			05/17/14 20:01	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 20:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		05/17/14 20:01	1
4-Bromofluorobenzene (Surr)	93		66 - 120		05/17/14 20:01	1
Toluene-d8 (Surr)	86		74 - 120		05/17/14 20:01	1
Dibromofluoromethane (Surr)	103		75 - 121		05/17/14 20:01	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 22:15	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 22:15	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 22:15	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:11	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: TB-501-2014S**

**Lab Sample ID: 240-37266-9**

**Date Collected: 05/12/14 00:00**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 20:24	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 20:24	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 20:24	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 20:24	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 20:24	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 20:24	1
Acetone	ND		10		ug/L			05/17/14 20:24	1
Benzene	ND		1.0		ug/L			05/17/14 20:24	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 20:24	1
Chloroethane	ND		1.0		ug/L			05/17/14 20:24	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 20:24	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 20:24	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 20:24	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 20:24	1
Toluene	ND		1.0		ug/L			05/17/14 20:24	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 20:24	1
Trichloroethene	ND		1.0		ug/L			05/17/14 20:24	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 20:24	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 20:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129					05/17/14 20:24	1
4-Bromofluorobenzene (Surr)	95		66 - 120					05/17/14 20:24	1
Toluene-d8 (Surr)	85		74 - 120					05/17/14 20:24	1
Dibromofluoromethane (Surr)	101		75 - 121					05/17/14 20:24	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-601-051514**

**Lab Sample ID: 240-37489-1**

**Date Collected: 05/15/14 07:30**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 17:54	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 17:54	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 17:54	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 17:54	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 17:54	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 17:54	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 17:54	1
Acetone	ND		10		ug/L			05/27/14 17:54	1
Benzene	ND		1.0		ug/L			05/27/14 17:54	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 17:54	1
Chloroethane	ND		1.0		ug/L			05/27/14 17:54	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 17:54	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 17:54	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 17:54	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 17:54	1
Toluene	ND		1.0		ug/L			05/27/14 17:54	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 17:54	1
Trichloroethene	ND		1.0		ug/L			05/27/14 17:54	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 17:54	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		63 - 129		05/27/14 17:54	1
4-Bromofluorobenzene (Surr)	75		66 - 120		05/27/14 17:54	1
Toluene-d8 (Surr)	82		74 - 120		05/27/14 17:54	1
Dibromofluoromethane (Surr)	94		75 - 121		05/27/14 17:54	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-601-051514**

**Lab Sample ID: 240-37489-2**

**Date Collected: 05/15/14 07:15**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		67		ug/L			05/23/14 06:11	66.67
1,1,2-Trichloroethane	ND		67		ug/L			05/23/14 06:11	66.67
1,1-Dichloroethane	ND		67		ug/L			05/23/14 06:11	66.67
1,1-Dichloroethene	ND		67		ug/L			05/23/14 06:11	66.67
1,2,4-Trimethylbenzene	ND		67		ug/L			05/23/14 06:11	66.67
1,2-Dichloroethane	ND		67		ug/L			05/23/14 06:11	66.67
1,2-Dichloropropane	ND		67		ug/L			05/23/14 06:11	66.67
Acetone	ND		670		ug/L			05/23/14 06:11	66.67
Benzene	ND		67		ug/L			05/23/14 06:11	66.67
Carbon disulfide	ND		67		ug/L			05/23/14 06:11	66.67
Chloroethane	ND		67		ug/L			05/23/14 06:11	66.67
<b>cis-1,2-Dichloroethene</b>	<b>4000</b>		67		ug/L			05/23/14 06:11	66.67
Ethylbenzene	ND		67		ug/L			05/23/14 06:11	66.67
Methylene Chloride	ND		67		ug/L			05/23/14 06:11	66.67
Tetrachloroethene	ND		67		ug/L			05/23/14 06:11	66.67
Toluene	ND		67		ug/L			05/23/14 06:11	66.67
<b>trans-1,2-Dichloroethene</b>	<b>290</b>		67		ug/L			05/23/14 06:11	66.67
<b>Trichloroethene</b>	<b>230</b>		67		ug/L			05/23/14 06:11	66.67
<b>Vinyl chloride</b>	<b>260</b>		67		ug/L			05/23/14 06:11	66.67
Xylenes, Total	ND		130		ug/L			05/23/14 06:11	66.67
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129					05/23/14 06:11	66.67
4-Bromofluorobenzene (Surr)	77		66 - 120					05/23/14 06:11	66.67
Toluene-d8 (Surr)	91		74 - 120					05/23/14 06:11	66.67
Dibromofluoromethane (Surr)	98		75 - 121					05/23/14 06:11	66.67

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-101-051514**

**Lab Sample ID: 240-37489-3**

**Date Collected: 05/15/14 07:45**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		67		ug/L			05/23/14 06:33	66.67
1,1,2-Trichloroethane	ND		67		ug/L			05/23/14 06:33	66.67
1,1-Dichloroethane	ND		67		ug/L			05/23/14 06:33	66.67
1,1-Dichloroethene	ND		67		ug/L			05/23/14 06:33	66.67
1,2,4-Trimethylbenzene	ND		67		ug/L			05/23/14 06:33	66.67
1,2-Dichloroethane	ND		67		ug/L			05/23/14 06:33	66.67
1,2-Dichloropropane	ND		67		ug/L			05/23/14 06:33	66.67
Acetone	ND		670		ug/L			05/23/14 06:33	66.67
Benzene	ND		67		ug/L			05/23/14 06:33	66.67
Carbon disulfide	ND		67		ug/L			05/23/14 06:33	66.67
Chloroethane	ND		67		ug/L			05/23/14 06:33	66.67
<b>cis-1,2-Dichloroethene</b>	<b>3800</b>		67		ug/L			05/23/14 06:33	66.67
Ethylbenzene	ND		67		ug/L			05/23/14 06:33	66.67
Methylene Chloride	ND		67		ug/L			05/23/14 06:33	66.67
Tetrachloroethene	ND		67		ug/L			05/23/14 06:33	66.67
Toluene	ND		67		ug/L			05/23/14 06:33	66.67
<b>trans-1,2-Dichloroethene</b>	<b>270</b>		67		ug/L			05/23/14 06:33	66.67
<b>Trichloroethene</b>	<b>240</b>		67		ug/L			05/23/14 06:33	66.67
<b>Vinyl chloride</b>	<b>240</b>		67		ug/L			05/23/14 06:33	66.67
Xylenes, Total	ND		130		ug/L			05/23/14 06:33	66.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		05/23/14 06:33	66.67
4-Bromofluorobenzene (Surr)	73		66 - 120		05/23/14 06:33	66.67
Toluene-d8 (Surr)	93		74 - 120		05/23/14 06:33	66.67
Dibromofluoromethane (Surr)	95		75 - 121		05/23/14 06:33	66.67

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-103-051514**

**Lab Sample ID: 240-37489-4**

**Date Collected: 05/15/14 08:00**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0		ug/L			05/27/14 18:16	2
1,1,2-Trichloroethane	ND		2.0		ug/L			05/27/14 18:16	2
1,1-Dichloroethane	ND		2.0		ug/L			05/27/14 18:16	2
1,1-Dichloroethene	ND		2.0		ug/L			05/27/14 18:16	2
1,2,4-Trimethylbenzene	ND		2.0		ug/L			05/27/14 18:16	2
1,2-Dichloroethane	ND		2.0		ug/L			05/27/14 18:16	2
1,2-Dichloropropane	ND		2.0		ug/L			05/27/14 18:16	2
Acetone	ND		20		ug/L			05/27/14 18:16	2
Benzene	ND		2.0		ug/L			05/27/14 18:16	2
Carbon disulfide	ND		2.0		ug/L			05/27/14 18:16	2
Chloroethane	ND		2.0		ug/L			05/27/14 18:16	2
<b>cis-1,2-Dichloroethene</b>	<b>38</b>		2.0		ug/L			05/27/14 18:16	2
Ethylbenzene	ND		2.0		ug/L			05/27/14 18:16	2
Methylene Chloride	ND		2.0		ug/L			05/27/14 18:16	2
Tetrachloroethene	ND		2.0		ug/L			05/27/14 18:16	2
Toluene	ND		2.0		ug/L			05/27/14 18:16	2
<b>trans-1,2-Dichloroethene</b>	<b>3.0</b>		2.0		ug/L			05/27/14 18:16	2
<b>Trichloroethene</b>	<b>11</b>		2.0		ug/L			05/27/14 18:16	2
<b>Vinyl chloride</b>	<b>4.6</b>		2.0		ug/L			05/27/14 18:16	2
Xylenes, Total	ND		4.0		ug/L			05/27/14 18:16	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		63 - 129		05/27/14 18:16	2
4-Bromofluorobenzene (Surr)	81		66 - 120		05/27/14 18:16	2
Toluene-d8 (Surr)	84		74 - 120		05/27/14 18:16	2
Dibromofluoromethane (Surr)	93		75 - 121		05/27/14 18:16	2

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-108-051514**

**Lab Sample ID: 240-37489-5**

**Date Collected: 05/15/14 08:15**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 18:38	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 18:38	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 18:38	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 18:38	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 18:38	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 18:38	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 18:38	1
Acetone	ND		10		ug/L			05/27/14 18:38	1
Benzene	ND		1.0		ug/L			05/27/14 18:38	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 18:38	1
Chloroethane	ND		1.0		ug/L			05/27/14 18:38	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 18:38	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 18:38	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 18:38	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 18:38	1
Toluene	ND		1.0		ug/L			05/27/14 18:38	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 18:38	1
Trichloroethene	ND		1.0		ug/L			05/27/14 18:38	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 18:38	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		05/27/14 18:38	1
4-Bromofluorobenzene (Surr)	80		66 - 120		05/27/14 18:38	1
Toluene-d8 (Surr)	83		74 - 120		05/27/14 18:38	1
Dibromofluoromethane (Surr)	98		75 - 121		05/27/14 18:38	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-107-051514**

**Lab Sample ID: 240-37489-6**

**Date Collected: 05/15/14 08:20**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 19:01	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 19:01	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 19:01	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 19:01	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 19:01	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 19:01	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 19:01	1
Acetone	ND		10		ug/L			05/27/14 19:01	1
Benzene	ND		1.0		ug/L			05/27/14 19:01	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 19:01	1
Chloroethane	ND		1.0		ug/L			05/27/14 19:01	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 19:01	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 19:01	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 19:01	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 19:01	1
Toluene	ND		1.0		ug/L			05/27/14 19:01	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 19:01	1
Trichloroethene	ND		1.0		ug/L			05/27/14 19:01	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 19:01	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		05/27/14 19:01	1
4-Bromofluorobenzene (Surr)	81		66 - 120		05/27/14 19:01	1
Toluene-d8 (Surr)	82		74 - 120		05/27/14 19:01	1
Dibromofluoromethane (Surr)	98		75 - 121		05/27/14 19:01	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-110-051514**

**Lab Sample ID: 240-37489-7**

**Date Collected: 05/15/14 08:25**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 19:23	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 19:23	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 19:23	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 19:23	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 19:23	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 19:23	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 19:23	1
Acetone	ND		10		ug/L			05/27/14 19:23	1
Benzene	ND		1.0		ug/L			05/27/14 19:23	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 19:23	1
Chloroethane	ND		1.0		ug/L			05/27/14 19:23	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 19:23	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 19:23	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 19:23	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 19:23	1
Toluene	ND		1.0		ug/L			05/27/14 19:23	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 19:23	1
Trichloroethene	ND		1.0		ug/L			05/27/14 19:23	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 19:23	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 19:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		05/27/14 19:23	1
4-Bromofluorobenzene (Surr)	79		66 - 120		05/27/14 19:23	1
Toluene-d8 (Surr)	85		74 - 120		05/27/14 19:23	1
Dibromofluoromethane (Surr)	98		75 - 121		05/27/14 19:23	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-106-051514**

**Lab Sample ID: 240-37489-8**

**Date Collected: 05/15/14 08:35**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 19:46	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 19:46	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 19:46	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 19:46	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 19:46	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 19:46	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 19:46	1
Acetone	ND		10		ug/L			05/27/14 19:46	1
Benzene	ND		1.0		ug/L			05/27/14 19:46	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 19:46	1
Chloroethane	ND		1.0		ug/L			05/27/14 19:46	1
<b>cis-1,2-Dichloroethene</b>	<b>17</b>		1.0		ug/L			05/27/14 19:46	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 19:46	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 19:46	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 19:46	1
Toluene	ND		1.0		ug/L			05/27/14 19:46	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 19:46	1
<b>Trichloroethene</b>	<b>7.1</b>		1.0		ug/L			05/27/14 19:46	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 19:46	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 19:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		05/27/14 19:46	1
4-Bromofluorobenzene (Surr)	79		66 - 120		05/27/14 19:46	1
Toluene-d8 (Surr)	85		74 - 120		05/27/14 19:46	1
Dibromofluoromethane (Surr)	97		75 - 121		05/27/14 19:46	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-112-051514**

**Lab Sample ID: 240-37489-9**

**Date Collected: 05/15/14 08:45**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 20:08	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 20:08	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 20:08	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 20:08	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 20:08	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 20:08	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 20:08	1
Acetone	ND		10		ug/L			05/27/14 20:08	1
Benzene	ND		1.0		ug/L			05/27/14 20:08	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 20:08	1
Chloroethane	ND		1.0		ug/L			05/27/14 20:08	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 20:08	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 20:08	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 20:08	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 20:08	1
Toluene	ND		1.0		ug/L			05/27/14 20:08	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 20:08	1
Trichloroethene	ND		1.0		ug/L			05/27/14 20:08	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 20:08	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 20:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		05/27/14 20:08	1
4-Bromofluorobenzene (Surr)	78		66 - 120		05/27/14 20:08	1
Toluene-d8 (Surr)	83		74 - 120		05/27/14 20:08	1
Dibromofluoromethane (Surr)	96		75 - 121		05/27/14 20:08	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-114-051514**

**Lab Sample ID: 240-37489-10**

**Date Collected: 05/15/14 08:50**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/14 22:03	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/14 22:03	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/14 22:03	1
1,1-Dichloroethene	ND		1.0		ug/L			05/24/14 22:03	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/24/14 22:03	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/14 22:03	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/14 22:03	1
Acetone	ND		10		ug/L			05/24/14 22:03	1
Benzene	ND		1.0		ug/L			05/24/14 22:03	1
Carbon disulfide	ND		1.0		ug/L			05/24/14 22:03	1
Chloroethane	ND		1.0		ug/L			05/24/14 22:03	1
<b>cis-1,2-Dichloroethene</b>	<b>3.5</b>		1.0		ug/L			05/24/14 22:03	1
Ethylbenzene	ND		1.0		ug/L			05/24/14 22:03	1
Methylene Chloride	ND		1.0		ug/L			05/24/14 22:03	1
Tetrachloroethene	ND		1.0		ug/L			05/24/14 22:03	1
Toluene	ND		1.0		ug/L			05/24/14 22:03	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/24/14 22:03	1
<b>Trichloroethene</b>	<b>3.2</b>		1.0		ug/L			05/24/14 22:03	1
Vinyl chloride	ND		1.0		ug/L			05/24/14 22:03	1
Xylenes, Total	ND		2.0		ug/L			05/24/14 22:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		63 - 129		05/24/14 22:03	1
4-Bromofluorobenzene (Surr)	89		66 - 120		05/24/14 22:03	1
Toluene-d8 (Surr)	90		74 - 120		05/24/14 22:03	1
Dibromofluoromethane (Surr)	105		75 - 121		05/24/14 22:03	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-48-2014-SR**

**Lab Sample ID: 240-37489-11**

**Date Collected: 05/15/14 10:15**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		130		ug/L			05/24/14 01:57	133.33
1,1-Dichloroethene	ND		130		ug/L			05/24/14 01:57	133.33
1,2-Dichloroethane	ND		130		ug/L			05/24/14 01:57	133.33
Benzene	ND		130		ug/L			05/24/14 01:57	133.33
<b>cis-1,2-Dichloroethene</b>	<b>2500</b>		130		ug/L			05/24/14 01:57	133.33
Tetrachloroethene	ND		130		ug/L			05/24/14 01:57	133.33
Toluene	ND		130		ug/L			05/24/14 01:57	133.33
<b>Trichloroethene</b>	<b>8300</b>		130		ug/L			05/24/14 01:57	133.33
<b>Vinyl chloride</b>	<b>290</b>		130		ug/L			05/24/14 01:57	133.33

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		05/24/14 01:57	133.33
4-Bromofluorobenzene (Surr)	77		66 - 120		05/24/14 01:57	133.33
Toluene-d8 (Surr)	92		74 - 120		05/24/14 01:57	133.33
Dibromofluoromethane (Surr)	95		75 - 121		05/24/14 01:57	133.33

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-47-2014-SR**

**Lab Sample ID: 240-37489-12**

**Date Collected: 05/15/14 10:45**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.4		ug/L			05/27/14 20:31	1.43
1,1-Dichloroethene	ND		1.4		ug/L			05/27/14 20:31	1.43
1,2-Dichloroethane	ND		1.4		ug/L			05/27/14 20:31	1.43
Benzene	ND		1.4		ug/L			05/27/14 20:31	1.43
<b>cis-1,2-Dichloroethene</b>	<b>34</b>		1.4		ug/L			05/27/14 20:31	1.43
Tetrachloroethene	ND		1.4		ug/L			05/27/14 20:31	1.43
Toluene	ND		1.4		ug/L			05/27/14 20:31	1.43
<b>Trichloroethene</b>	<b>5.6</b>		1.4		ug/L			05/27/14 20:31	1.43
<b>Vinyl chloride</b>	<b>15</b>		1.4		ug/L			05/27/14 20:31	1.43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		63 - 129		05/27/14 20:31	1.43
4-Bromofluorobenzene (Surr)	79		66 - 120		05/27/14 20:31	1.43
Toluene-d8 (Surr)	85		74 - 120		05/27/14 20:31	1.43
Dibromofluoromethane (Surr)	99		75 - 121		05/27/14 20:31	1.43

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: TB-701-2014SR**

**Lab Sample ID: 240-37489-13**

**Date Collected: 05/15/14 00:00**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/28/14 18:45	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/28/14 18:45	1
1,1-Dichloroethane	ND		1.0		ug/L			05/28/14 18:45	1
1,1-Dichloroethene	ND		1.0		ug/L			05/28/14 18:45	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/28/14 18:45	1
1,2-Dichloroethane	ND		1.0		ug/L			05/28/14 18:45	1
1,2-Dichloropropane	ND		1.0		ug/L			05/28/14 18:45	1
Acetone	ND		10		ug/L			05/28/14 18:45	1
Benzene	ND		1.0		ug/L			05/28/14 18:45	1
Carbon disulfide	ND		1.0		ug/L			05/28/14 18:45	1
Chloroethane	ND		1.0		ug/L			05/28/14 18:45	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/28/14 18:45	1
Ethylbenzene	ND		1.0		ug/L			05/28/14 18:45	1
Methylene Chloride	ND		1.0		ug/L			05/28/14 18:45	1
Tetrachloroethene	ND		1.0		ug/L			05/28/14 18:45	1
Toluene	ND		1.0		ug/L			05/28/14 18:45	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/28/14 18:45	1
Trichloroethene	ND		1.0		ug/L			05/28/14 18:45	1
Vinyl chloride	ND		1.0		ug/L			05/28/14 18:45	1
Xylenes, Total	ND		2.0		ug/L			05/28/14 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		05/28/14 18:45	1
4-Bromofluorobenzene (Surr)	75		66 - 120		05/28/14 18:45	1
Toluene-d8 (Surr)	84		74 - 120		05/28/14 18:45	1
Dibromofluoromethane (Surr)	97		75 - 121		05/28/14 18:45	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-3-051114**

**Lab Sample ID: 240-37510-1**

**Date Collected: 05/11/14 18:48**

**Matrix: Air**

**Date Received: 05/19/14 09:45**

**Sample Container: Summa Canister 6L**

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.81		ppb v/v			05/23/14 07:36	1.61
Tetrachloroethene	ND		0.81		ppb v/v			05/23/14 07:36	1.61
1,2-Dichloroethane	ND		0.81		ppb v/v			05/23/14 07:36	1.61
1,1,2-Trichloroethane	ND		0.81		ppb v/v			05/23/14 07:36	1.61
Methylene Chloride	ND		2.0		ppb v/v			05/23/14 07:36	1.61
1,2,4-Trimethylbenzene	ND		0.81		ppb v/v			05/23/14 07:36	1.61
<b>Toluene</b>	<b>6.8</b>		0.81		ppb v/v			05/23/14 07:36	1.61
<b>o-Xylene</b>	<b>0.94</b>		0.81		ppb v/v			05/23/14 07:36	1.61
trans-1,2-Dichloroethene	ND		0.81		ppb v/v			05/23/14 07:36	1.61
1,1-Dichloroethene	ND		0.81		ppb v/v			05/23/14 07:36	1.61
<b>Trichloroethene</b>	<b>88</b>		0.81		ppb v/v			05/23/14 07:36	1.61
Ethylbenzene	ND		0.81		ppb v/v			05/23/14 07:36	1.61
<b>Xylenes, Total</b>	<b>3.4</b>		1.6		ppb v/v			05/23/14 07:36	1.61
<b>cis-1,2-Dichloroethene</b>	<b>52</b>		0.81		ppb v/v			05/23/14 07:36	1.61
<b>m-Xylene &amp; p-Xylene</b>	<b>2.5</b>		0.81		ppb v/v			05/23/14 07:36	1.61
Vinyl chloride	ND		0.81		ppb v/v			05/23/14 07:36	1.61
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	101		60 - 140					05/23/14 07:36	1.61

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-11-051114**

**Lab Sample ID: 240-37510-2**

Date Collected: 05/11/14 19:00

Matrix: Air

Date Received: 05/19/14 09:45

Sample Container: Summa Canister 6L

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Benzene</b>	<b>0.20</b>		0.20		ppb v/v			05/23/14 16:21	1.82
Tetrachloroethene	ND		0.20		ppb v/v			05/23/14 16:21	1.82
1,2-Dichloroethane	ND		0.20		ppb v/v			05/23/14 16:21	1.82
1,1,2-Trichloroethane	ND		0.20		ppb v/v			05/23/14 16:21	1.82
Methylene Chloride	ND		0.50		ppb v/v			05/23/14 16:21	1.82
<b>1,2,4-Trimethylbenzene</b>	<b>0.29</b>		0.20		ppb v/v			05/23/14 16:21	1.82
<b>Toluene</b>	<b>7.2</b>		0.20		ppb v/v			05/23/14 16:21	1.82
<b>o-Xylene</b>	<b>2.0</b>		0.20		ppb v/v			05/23/14 16:21	1.82
trans-1,2-Dichloroethene	ND		0.20		ppb v/v			05/23/14 16:21	1.82
1,1-Dichloroethene	ND		0.20		ppb v/v			05/23/14 16:21	1.82
<b>Trichloroethene</b>	<b>0.35</b>		0.20		ppb v/v			05/23/14 16:21	1.82
<b>Ethylbenzene</b>	<b>1.3</b>		0.20		ppb v/v			05/23/14 16:21	1.82
<b>Xylenes, Total</b>	<b>6.9</b>		0.40		ppb v/v			05/23/14 16:21	1.82
cis-1,2-Dichloroethene	ND		0.20		ppb v/v			05/23/14 16:21	1.82
<b>m-Xylene &amp; p-Xylene</b>	<b>4.9</b>		0.20		ppb v/v			05/23/14 16:21	1.82
Vinyl chloride	ND		0.20		ppb v/v			05/23/14 16:21	1.82
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	102		60 - 140					05/23/14 16:21	1.82

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-107-051414**

**Lab Sample ID: 240-37510-3**

Date Collected: 05/11/14 13:46

Matrix: Air

Date Received: 05/19/14 09:45

Sample Container: Summa Canister 6L

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.6		ppb v/v			05/22/14 17:14	1
Tetrachloroethene	ND		1.6		ppb v/v			05/22/14 17:14	1
1,2-Dichloroethane	ND		1.6		ppb v/v			05/22/14 17:14	1
1,1,2-Trichloroethane	ND		1.6		ppb v/v			05/22/14 17:14	1
Methylene Chloride	ND		4.0		ppb v/v			05/22/14 17:14	1
1,2,4-Trimethylbenzene	ND		1.6		ppb v/v			05/22/14 17:14	1
<b>Toluene</b>	<b>4.8</b>		1.6		ppb v/v			05/22/14 17:14	1
o-Xylene	ND		1.6		ppb v/v			05/22/14 17:14	1
trans-1,2-Dichloroethene	ND		1.6		ppb v/v			05/22/14 17:14	1
1,1-Dichloroethene	ND		1.6		ppb v/v			05/22/14 17:14	1
<b>Trichloroethene</b>	<b>110</b>		1.6		ppb v/v			05/22/14 17:14	1
Ethylbenzene	ND		1.6		ppb v/v			05/22/14 17:14	1
Xylenes, Total	ND		3.2		ppb v/v			05/22/14 17:14	1
<b>cis-1,2-Dichloroethene</b>	<b>5.7</b>		1.6		ppb v/v			05/22/14 17:14	1
<b>m-Xylene &amp; p-Xylene</b>	<b>2.3</b>		1.6		ppb v/v			05/22/14 17:14	1
Vinyl chloride	ND		1.6		ppb v/v			05/22/14 17:14	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	95		60 - 140					05/22/14 17:14	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-110-051414**

**Lab Sample ID: 240-37510-4**

Date Collected: 05/14/14 12:25

Matrix: Air

Date Received: 05/19/14 09:45

Sample Container: Summa Canister 6L

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20		ppb v/v			05/23/14 17:11	1
Tetrachloroethene	ND		0.20		ppb v/v			05/23/14 17:11	1
1,2-Dichloroethane	ND		0.20		ppb v/v			05/23/14 17:11	1
1,1,2-Trichloroethane	ND		0.20		ppb v/v			05/23/14 17:11	1
Methylene Chloride	ND		0.50		ppb v/v			05/23/14 17:11	1
1,2,4-Trimethylbenzene	ND		0.20		ppb v/v			05/23/14 17:11	1
<b>Toluene</b>	<b>4.1</b>		0.20		ppb v/v			05/23/14 17:11	1
<b>o-Xylene</b>	<b>0.70</b>		0.20		ppb v/v			05/23/14 17:11	1
<b>trans-1,2-Dichloroethene</b>	<b>0.52</b>		0.20		ppb v/v			05/23/14 17:11	1
1,1-Dichloroethene	ND		0.20		ppb v/v			05/23/14 17:11	1
<b>Trichloroethene</b>	<b>19</b>		0.20		ppb v/v			05/23/14 17:11	1
<b>Ethylbenzene</b>	<b>0.46</b>		0.20		ppb v/v			05/23/14 17:11	1
<b>Xylenes, Total</b>	<b>2.6</b>		0.40		ppb v/v			05/23/14 17:11	1
<b>cis-1,2-Dichloroethene</b>	<b>4.5</b>		0.20		ppb v/v			05/23/14 17:11	1
<b>m-Xylene &amp; p-Xylene</b>	<b>1.9</b>		0.20		ppb v/v			05/23/14 17:11	1
<b>Vinyl chloride</b>	<b>0.49</b>		0.20		ppb v/v			05/23/14 17:11	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	98		60 - 140					05/23/14 17:11	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-106-051414**

**Lab Sample ID: 240-37510-5**

Date Collected: 05/14/14 13:56

Matrix: Air

Date Received: 05/19/14 09:45

Sample Container: Summa Canister 6L

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.0		ppb v/v			05/23/14 17:59	1
Tetrachloroethene	ND		4.0		ppb v/v			05/23/14 17:59	1
1,2-Dichloroethane	ND		4.0		ppb v/v			05/23/14 17:59	1
1,1,2-Trichloroethane	ND		4.0		ppb v/v			05/23/14 17:59	1
Methylene Chloride	ND		10		ppb v/v			05/23/14 17:59	1
1,2,4-Trimethylbenzene	ND		4.0		ppb v/v			05/23/14 17:59	1
<b>Toluene</b>	<b>4.1</b>		4.0		ppb v/v			05/23/14 17:59	1
o-Xylene	ND		4.0		ppb v/v			05/23/14 17:59	1
trans-1,2-Dichloroethene	ND		4.0		ppb v/v			05/23/14 17:59	1
1,1-Dichloroethene	ND		4.0		ppb v/v			05/23/14 17:59	1
<b>Trichloroethene</b>	<b>550</b>		4.0		ppb v/v			05/23/14 17:59	1
Ethylbenzene	ND		4.0		ppb v/v			05/23/14 17:59	1
Xylenes, Total	ND		8.0		ppb v/v			05/23/14 17:59	1
<b>cis-1,2-Dichloroethene</b>	<b>110</b>		4.0		ppb v/v			05/23/14 17:59	1
m-Xylene & p-Xylene	ND		4.0		ppb v/v			05/23/14 17:59	1
Vinyl chloride	ND		4.0		ppb v/v			05/23/14 17:59	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	94		60 - 140					05/23/14 17:59	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-108-051414**

**Lab Sample ID: 240-37510-6**

Date Collected: 05/14/14 13:04

Matrix: Air

Date Received: 05/19/14 09:45

Sample Container: Summa Canister 6L

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Benzene</b>	<b>0.21</b>		0.20		ppb v/v			05/23/14 22:10	1
Tetrachloroethene	ND		0.20		ppb v/v			05/23/14 22:10	1
1,2-Dichloroethane	ND		0.20		ppb v/v			05/23/14 22:10	1
1,1,2-Trichloroethane	ND		0.20		ppb v/v			05/23/14 22:10	1
Methylene Chloride	ND		0.50		ppb v/v			05/23/14 22:10	1
<b>1,2,4-Trimethylbenzene</b>	<b>0.23</b>		0.20		ppb v/v			05/23/14 22:10	1
<b>Toluene</b>	<b>6.6</b>		0.20		ppb v/v			05/23/14 22:10	1
<b>o-Xylene</b>	<b>1.0</b>		0.20		ppb v/v			05/23/14 22:10	1
trans-1,2-Dichloroethene	ND		0.20		ppb v/v			05/23/14 22:10	1
1,1-Dichloroethene	ND		0.20		ppb v/v			05/23/14 22:10	1
<b>Trichloroethene</b>	<b>0.29</b>		0.20		ppb v/v			05/23/14 22:10	1
<b>Ethylbenzene</b>	<b>0.71</b>		0.20		ppb v/v			05/23/14 22:10	1
<b>Xylenes, Total</b>	<b>3.9</b>		0.40		ppb v/v			05/23/14 22:10	1
cis-1,2-Dichloroethene	ND		0.20		ppb v/v			05/23/14 22:10	1
<b>m-Xylene &amp; p-Xylene</b>	<b>2.9</b>		0.20		ppb v/v			05/23/14 22:10	1
Vinyl chloride	ND		0.20		ppb v/v			05/23/14 22:10	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	99		60 - 140					05/23/14 22:10	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-101-051414**

**Lab Sample ID: 240-37510-7**

**Date Collected: 05/14/14 13:00**

**Matrix: Air**

**Date Received: 05/19/14 09:45**

**Sample Container: Summa Canister 6L**

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.0		ppb v/v			05/23/14 23:47	1
Tetrachloroethene	ND		4.0		ppb v/v			05/23/14 23:47	1
1,2-Dichloroethane	ND		4.0		ppb v/v			05/23/14 23:47	1
1,1,2-Trichloroethane	ND		4.0		ppb v/v			05/23/14 23:47	1
Methylene Chloride	ND		10		ppb v/v			05/23/14 23:47	1
1,2,4-Trimethylbenzene	ND		4.0		ppb v/v			05/23/14 23:47	1
<b>Toluene</b>	<b>4.5</b>		4.0		ppb v/v			05/23/14 23:47	1
o-Xylene	ND		4.0		ppb v/v			05/23/14 23:47	1
trans-1,2-Dichloroethene	ND		4.0		ppb v/v			05/23/14 23:47	1
1,1-Dichloroethene	ND		4.0		ppb v/v			05/23/14 23:47	1
<b>Trichloroethene</b>	<b>570</b>		4.0		ppb v/v			05/23/14 23:47	1
Ethylbenzene	ND		4.0		ppb v/v			05/23/14 23:47	1
Xylenes, Total	ND		8.0		ppb v/v			05/23/14 23:47	1
<b>cis-1,2-Dichloroethene</b>	<b>120</b>		4.0		ppb v/v			05/23/14 23:47	1
m-Xylene & p-Xylene	ND		4.0		ppb v/v			05/23/14 23:47	1
Vinyl chloride	ND		4.0		ppb v/v			05/23/14 23:47	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	98		60 - 140					05/23/14 23:47	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-114-051414**

**Lab Sample ID: 240-37510-8**

Date Collected: 05/14/14 14:30

Matrix: Air

Date Received: 05/19/14 09:45

Sample Container: Summa Canister 6L

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Benzene</b>	<b>0.38</b>		0.20		ppb v/v			05/24/14 00:37	1
Tetrachloroethene	ND		0.20		ppb v/v			05/24/14 00:37	1
1,2-Dichloroethane	ND		0.20		ppb v/v			05/24/14 00:37	1
1,1,2-Trichloroethane	ND		0.20		ppb v/v			05/24/14 00:37	1
<b>Methylene Chloride</b>	<b>0.84</b>		0.50		ppb v/v			05/24/14 00:37	1
<b>1,2,4-Trimethylbenzene</b>	<b>0.22</b>		0.20		ppb v/v			05/24/14 00:37	1
<b>Toluene</b>	<b>5.7</b>		0.20		ppb v/v			05/24/14 00:37	1
<b>o-Xylene</b>	<b>0.90</b>		0.20		ppb v/v			05/24/14 00:37	1
trans-1,2-Dichloroethene	ND		0.20		ppb v/v			05/24/14 00:37	1
1,1-Dichloroethene	ND		0.20		ppb v/v			05/24/14 00:37	1
<b>Trichloroethene</b>	<b>20</b>		0.20		ppb v/v			05/24/14 00:37	1
<b>Ethylbenzene</b>	<b>0.60</b>		0.20		ppb v/v			05/24/14 00:37	1
<b>Xylenes, Total</b>	<b>3.4</b>		0.40		ppb v/v			05/24/14 00:37	1
<b>cis-1,2-Dichloroethene</b>	<b>20</b>		0.20		ppb v/v			05/24/14 00:37	1
<b>m-Xylene &amp; p-Xylene</b>	<b>2.5</b>		0.20		ppb v/v			05/24/14 00:37	1
Vinyl chloride	ND		0.20		ppb v/v			05/24/14 00:37	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	105		60 - 140					05/24/14 00:37	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: AB-101-051414**

**Lab Sample ID: 240-37510-9**

**Date Collected: 05/14/14 14:11**

**Matrix: Air**

**Date Received: 05/19/14 09:45**

**Sample Container: Summa Canister 6L**

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20		ppb v/v			05/24/14 01:27	1
Tetrachloroethene	ND		0.20		ppb v/v			05/24/14 01:27	1
1,2-Dichloroethane	ND		0.20		ppb v/v			05/24/14 01:27	1
1,1,2-Trichloroethane	ND		0.20		ppb v/v			05/24/14 01:27	1
Methylene Chloride	ND		0.50		ppb v/v			05/24/14 01:27	1
1,2,4-Trimethylbenzene	ND		0.20		ppb v/v			05/24/14 01:27	1
Toluene	ND		0.20		ppb v/v			05/24/14 01:27	1
o-Xylene	ND		0.20		ppb v/v			05/24/14 01:27	1
trans-1,2-Dichloroethene	ND		0.20		ppb v/v			05/24/14 01:27	1
1,1-Dichloroethene	ND		0.20		ppb v/v			05/24/14 01:27	1
Trichloroethene	ND		0.20		ppb v/v			05/24/14 01:27	1
Ethylbenzene	ND		0.20		ppb v/v			05/24/14 01:27	1
Xylenes, Total	ND		0.40		ppb v/v			05/24/14 01:27	1
cis-1,2-Dichloroethene	ND		0.20		ppb v/v			05/24/14 01:27	1
m-Xylene & p-Xylene	ND		0.20		ppb v/v			05/24/14 01:27	1
Vinyl chloride	ND		0.20		ppb v/v			05/24/14 01:27	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	99		60 - 140					05/24/14 01:27	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: TB-101-051414**

**Lab Sample ID: 240-37510-10**

**Date Collected: 05/14/14 00:00**

**Matrix: Air**

**Date Received: 05/19/14 09:45**

**Sample Container: Summa Canister 6L**

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20		ppb v/v			05/24/14 02:16	1
Tetrachloroethene	ND		0.20		ppb v/v			05/24/14 02:16	1
1,2-Dichloroethane	ND		0.20		ppb v/v			05/24/14 02:16	1
1,1,2-Trichloroethane	ND		0.20		ppb v/v			05/24/14 02:16	1
Methylene Chloride	ND		0.50		ppb v/v			05/24/14 02:16	1
1,2,4-Trimethylbenzene	ND		0.20		ppb v/v			05/24/14 02:16	1
Toluene	ND		0.20		ppb v/v			05/24/14 02:16	1
o-Xylene	ND		0.20		ppb v/v			05/24/14 02:16	1
trans-1,2-Dichloroethene	ND		0.20		ppb v/v			05/24/14 02:16	1
1,1-Dichloroethene	ND		0.20		ppb v/v			05/24/14 02:16	1
Trichloroethene	ND		0.20		ppb v/v			05/24/14 02:16	1
Ethylbenzene	ND		0.20		ppb v/v			05/24/14 02:16	1
Xylenes, Total	ND		0.40		ppb v/v			05/24/14 02:16	1
cis-1,2-Dichloroethene	ND		0.20		ppb v/v			05/24/14 02:16	1
m-Xylene & p-Xylene	ND		0.20		ppb v/v			05/24/14 02:16	1
Vinyl chloride	ND		0.20		ppb v/v			05/24/14 02:16	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	97		60 - 140					05/24/14 02:16	1

# Surrogate Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260A - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (39-128)	BFB (26-141)	TOL (33-134)	DBFM (37-122)
240-37154-15	SD-17-2014-S	92	102	107	99
240-37154-16	SD-9-2014-S	90	101	108	97
240-37154-17	SD-4-2014-S	91	101	106	99
240-37154-18	SD-12-2014-S	87	81	88	82
240-37154-18 MS	SD-12-2014-S	83	85	92	90
240-37154-18 MSD	SD-12-2014-S	85	85	91	90
240-37154-19	SD-7-2014-S	93	102	106	98
240-37154-20	FD-04-SD-2014-S	91	101	107	99
LCS 240-130825/5	Lab Control Sample	88	99	106	96
LCS 240-130966/5	Lab Control Sample	82	83	94	91
MB 240-130825/6	Method Blank	91	98	103	95
MB 240-130966/6	Method Blank	84	82	92	84

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
TOL = Toluene-d8 (Surr)  
DBFM = Dibromofluoromethane (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-120)	TOL (74-120)	DBFM (75-121)
240-36960-1	MW-59-2014-S	89	84	95	94
240-36960-2	MW-58-2014-S	93	84	96	97
240-36960-3	MW-57-2014-S	93	86	96	98
240-36960-4	FD-01-2014-S	91	83	95	95
240-36960-5	MW-50-2014-S	92	78	93	93
240-36960-5 MS	MW-50-2014-S	90	79	96	94
240-36960-5 MSD	MW-50-2014-S	88	78	94	93
240-36960-6	MW-14-2014-S	88	83	97	94
240-36960-7	MW-49-2014-S	88	84	96	95
240-36960-8	MW-44-2014-S	93	85	96	97
240-36960-9	MW-43-2014-S	94	85	96	96
240-36960-10	MW-55-2014-S	93	86	96	94
240-36960-11	MW-41-2014-S	94	87	96	98
240-36960-12	MW-56-2014-S	91	84	97	95
240-36960-13	MW-42-2014-S	95	85	94	98
240-36960-14	EB-101-GW	90	79	93	91
240-36960-15	TB-101-2014S	92	80	93	89
240-37050-1	MW-45-2014-S	104	93	89	103
240-37050-2	MW-46-2014-S	81	79	89	85
240-37050-5	MW-51-2014-S	102	93	89	103
240-37050-6	MW-52-2014-S	105	87	92	106
240-37050-7	MW-12-2014-S	107	87	92	104
240-37050-8	MW-20-2014-S	91	81	91	101
240-37050-9	EB-201-2014-S	106	86	90	103

TestAmerica Canton

# Surrogate Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-120)	TOL (74-120)	DBFM (75-121)
240-37050-10	TB-201-2014S	106	88	91	103
240-37154-1	RT-5-2014-S	76	80	92	85
240-37154-1 MS	RT-5-2014-S	75	94	92	84
240-37154-1 MSD	RT-5-2014-S	75	96	92	82
240-37154-2	RT-4-2014-S	77	79	93	87
240-37154-3	RT-2-2014-S	78	82	86	85
240-37154-4	RT-1-2014-S	79	79	93	86
240-37154-5	FD-02-2014-S	79	82	87	85
240-37154-6	EB-301-GW	77	80	90	84
240-37154-7	SW-17-2014-S	76	77	90	86
240-37154-8	SW-9-2014-S	77	77	91	86
240-37154-9	SW-19-2014-S	78	79	89	84
240-37154-10	SW-12-2014-S	90	79	92	97
240-37154-10 MS	SW-12-2014-S	92	77	93	95
240-37154-10 MSD	SW-12-2014-S	89	77	94	94
240-37154-11	SW-22-2014-S	77	77	90	85
240-37154-12	FD-03-SW-2014-S	78	79	90	86
240-37154-13	TB-301-2014S	109	83	82	109
240-37154-14	EB-302-SW	87	73	94	89
240-37154-21	EB-303-SD	89	78	88	93
240-37219-1	MW-11-2014-S	90	75	93	91
240-37219-1 MS	MW-11-2014-S	92	78	94	96
240-37219-1 MSD	MW-11-2014-S	91	77	92	95
240-37219-2	MW-7-2014-S	92	73	93	91
240-37219-3	MW-25-2014-S	90	74	92	89
240-37219-4	MW-53-2014-S	91	76	90	94
240-37219-5	EB-401-2014-S	90	73	94	89
240-37219-6	MW-5-2014-S	87	74	95	90
240-37219-7	TB-401-2014S	89	74	92	89
240-37266-1	MW-8-2014-S	109	83	86	98
240-37266-2	MW-23-2014-S	104	85	90	99
240-37266-3	MW-13-2014-S	105	86	89	100
240-37266-4	MW-16-2014-S	103	83	89	101
240-37266-5	EB-501-2014-S	107	85	88	102
240-37266-6	MW-54-2014-S	103	87	94	98
240-37266-7	MW-10-2014-S	102	92	88	102
240-37266-8	MW-9-2014-S	100	93	86	103
240-37266-9	TB-501-2014S	102	95	85	101
240-37489-1	EB-601-051514	97	75	82	94
240-37489-2	FD-601-051514	89	77	91	98
240-37489-3	VP-101-051514	90	73	93	95
240-37489-4	VP-103-051514	96	81	84	93
240-37489-5	VP-108-051514	100	80	83	98
240-37489-6	VP-107-051514	102	81	82	98
240-37489-7	VP-110-051514	98	79	85	98
240-37489-8	VP-106-051514	101	79	85	97
240-37489-9	VP-112-051514	102	78	83	96
240-37489-10	VP-114-051514	122	89	90	105
240-37489-10 MS	VP-114-051514	110	99	99	99

TestAmerica Canton

# Surrogate Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-120)	TOL (74-120)	DBFM (75-121)
240-37489-10 MSD	VP-114-051514	110	98	97	98
240-37489-11	MW-48-2014-SR	90	77	92	95
240-37489-12	MW-47-2014-SR	99	79	85	99
240-37489-13	TB-701-2014SR	98	75	84	97
LCS 240-130511/4	Lab Control Sample	94	85	98	98
LCS 240-130596/4	Lab Control Sample	78	91	89	86
LCS 240-130697/4	Lab Control Sample	91	79	95	94
LCS 240-130942/4	Lab Control Sample	107	98	92	100
LCS 240-131072/4	Lab Control Sample	80	95	95	83
LCS 240-131079/4	Lab Control Sample	94	98	96	96
LCS 240-131080/4	Lab Control Sample	101	95	94	100
LCS 240-131131/4	Lab Control Sample	74	92	91	83
LCS 240-131184/4	Lab Control Sample	103	99	93	98
LCS 240-131196/3	Lab Control Sample	89	79	95	95
LCS 240-131333/4	Lab Control Sample	76	96	90	84
LCS 240-131335/4	Lab Control Sample	97	92	84	104
LCS 240-131365/3	Lab Control Sample	102	87	101	105
LCS 240-131531/4	Lab Control Sample	86	100	94	95
LCS 240-131760/4	Lab Control Sample	91	76	91	95
LCS 240-131939/3	Lab Control Sample	97	83	100	109
LCS 240-131983/4	Lab Control Sample	108	97	97	100
LCS 240-132099/4	Lab Control Sample	91	91	90	92
LCS 240-132266/4	Lab Control Sample	92	88	89	94
MB 240-130511/6	Method Blank	92	84	94	93
MB 240-130596/5	Method Blank	80	84	88	85
MB 240-130697/6	Method Blank	91	78	93	90
MB 240-130942/6	Method Blank	105	87	87	100
MB 240-131072/5	Method Blank	77	80	90	88
MB 240-131079/6	Method Blank	98	85	89	95
MB 240-131080/6	Method Blank	105	88	91	103
MB 240-131131/5	Method Blank	78	80	89	84
MB 240-131184/6	Method Blank	110	87	90	105
MB 240-131196/5	Method Blank	93	75	92	88
MB 240-131333/5	Method Blank	78	81	86	87
MB 240-131335/5	Method Blank	102	81	80	107
MB 240-131365/5	Method Blank	87	83	93	89
MB 240-131531/6	Method Blank	101	82	89	111
MB 240-131760/6	Method Blank	88	79	89	95
MB 240-131939/5	Method Blank	88	76	96	91
MB 240-131983/6	Method Blank	118	86	94	101
MB 240-132099/5	Method Blank	96	81	83	94
MB 240-132266/5	Method Blank	101	76	81	93

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

TestAmerica Canton

# Surrogate Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (29-110)	2FP (15-110)	TBP (21-128)	NBZ (31-110)	PHL (10-110)	TPH (31-115)
240-37135-1	RT-5-2014-S	61	63	58	65	68	78
240-37135-1 MS	RT-5-2014-S	69	67	66	70	72	48
240-37135-1 MSD	RT-5-2014-S	69	63	72	68	70	50
240-37135-2	RT-4-2014-S	52	49	54	53	48	59
240-37135-3	RT-2-2014-S	61	61	58	68	66	79
240-37135-5	FD-02-2014-S	58	57	54	65	60	75
240-37135-12	EB-301-GW	61	66	50	70	62	81
240-37266-2	MW-23-2014-S	64	61	65	71	47	84
240-37266-5	EB-501-2014-S	67	70	67	74	76	94
LCS 240-130584/21-A	Lab Control Sample	77	76	77	81	82	94
MB 240-130584/20-A	Method Blank	71	69	68	73	68	91

### Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)  
2FP = 2-Fluorophenol (Surr)  
TBP = 2,4,6-Tribromophenol (Surr)  
NBZ = Nitrobenzene-d5 (Surr)  
PHL = Phenol-d5 (Surr)  
TPH = Terphenyl-d14 (Surr)

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

Matrix: Air

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		BFB (60-140)
240-37510-1	VP-3-051114	101
240-37510-2	VP-11-051114	102
240-37510-3	VP-107-051414	95
240-37510-4	VP-110-051414	98
240-37510-5	VP-106-051414	94
240-37510-6	VP-108-051414	99
240-37510-7	FD-101-051414	98
240-37510-8	VP-114-051414	105
240-37510-9	AB-101-051414	99
240-37510-10	TB-101-051414	97
LCS 140-1246/1002	Lab Control Sample	101
LCS 140-1254/1002	Lab Control Sample	102
MB 140-1246/5	Method Blank	97
MB 140-1254/4	Method Blank	96

### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260A - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-130825/6**

**Matrix: Solid**

**Analysis Batch: 130825**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0		ug/L			05/15/14 12:53	1
1,1-Dichloroethene	ND		5.0		ug/L			05/15/14 12:53	1
1,2-Dichloroethane	ND		5.0		ug/L			05/15/14 12:53	1
Benzene	ND		5.0		ug/L			05/15/14 12:53	1
cis-1,2-Dichloroethene	ND		2.5		ug/L			05/15/14 12:53	1
Tetrachloroethene	ND		5.0		ug/L			05/15/14 12:53	1
Toluene	ND		5.0		ug/L			05/15/14 12:53	1
Trichloroethene	ND		5.0		ug/L			05/15/14 12:53	1
Vinyl chloride	ND		10		ug/L			05/15/14 12:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		39 - 128		05/15/14 12:53	1
4-Bromofluorobenzene (Surr)	98		26 - 141		05/15/14 12:53	1
Toluene-d8 (Surr)	103		33 - 134		05/15/14 12:53	1
Dibromofluoromethane (Surr)	95		37 - 122		05/15/14 12:53	1

**Lab Sample ID: LCS 240-130825/5**

**Matrix: Solid**

**Analysis Batch: 130825**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	50.0	51.2		ug/L		102	74 - 120
1,1-Dichloroethene	50.0	46.5		ug/L		93	44 - 143
1,2-Dichloroethane	50.0	50.1		ug/L		100	68 - 120
Benzene	50.0	50.2		ug/L		100	70 - 120
cis-1,2-Dichloroethene	50.0	50.2		ug/L		100	60 - 125
Tetrachloroethene	50.0	55.8		ug/L		112	58 - 131
Toluene	50.0	53.2		ug/L		106	66 - 123
Trichloroethene	50.0	54.9		ug/L		110	59 - 124
Vinyl chloride	50.0	47.1		ug/L		94	33 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		39 - 128
4-Bromofluorobenzene (Surr)	99		26 - 141
Toluene-d8 (Surr)	106		33 - 134
Dibromofluoromethane (Surr)	96		37 - 122

**Lab Sample ID: MB 240-130966/6**

**Matrix: Solid**

**Analysis Batch: 130966**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0		ug/L			05/16/14 12:34	1
1,1-Dichloroethene	ND		5.0		ug/L			05/16/14 12:34	1
1,2-Dichloroethane	ND		5.0		ug/L			05/16/14 12:34	1
Benzene	ND		5.0		ug/L			05/16/14 12:34	1
cis-1,2-Dichloroethene	ND		2.5		ug/L			05/16/14 12:34	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260A - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-130966/6

Matrix: Solid

Analysis Batch: 130966

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		5.0		ug/L			05/16/14 12:34	1
Toluene	ND		5.0		ug/L			05/16/14 12:34	1
Trichloroethene	ND		5.0		ug/L			05/16/14 12:34	1
Vinyl chloride	ND		10		ug/L			05/16/14 12:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		39 - 128		05/16/14 12:34	1
4-Bromofluorobenzene (Surr)	82		26 - 141		05/16/14 12:34	1
Toluene-d8 (Surr)	92		33 - 134		05/16/14 12:34	1
Dibromofluoromethane (Surr)	84		37 - 122		05/16/14 12:34	1

Lab Sample ID: LCS 240-130966/5

Matrix: Solid

Analysis Batch: 130966

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	50.0	54.0		ug/L		108	74 - 120
1,1-Dichloroethene	50.0	50.7		ug/L		101	44 - 143
1,2-Dichloroethane	50.0	47.4		ug/L		95	68 - 120
Benzene	50.0	53.5		ug/L		107	70 - 120
cis-1,2-Dichloroethene	50.0	52.8		ug/L		106	60 - 125
Tetrachloroethene	50.0	57.9		ug/L		116	58 - 131
Toluene	50.0	56.4		ug/L		113	66 - 123
Trichloroethene	50.0	57.3		ug/L		115	59 - 124
Vinyl chloride	50.0	47.3		ug/L		95	33 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	82		39 - 128
4-Bromofluorobenzene (Surr)	83		26 - 141
Toluene-d8 (Surr)	94		33 - 134
Dibromofluoromethane (Surr)	91		37 - 122

Lab Sample ID: 240-37154-18 MS

Matrix: Solid

Analysis Batch: 130966

Client Sample ID: SD-12-2014-S

Prep Type: Total/NA

Prep Batch: 130998

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		106	115		ug/L	☼	109	34 - 152
1,1-Dichloroethene	ND		106	99.9		ug/L	☼	94	10 - 179
1,2-Dichloroethane	ND		106	100		ug/L	☼	95	25 - 150
Benzene	ND		106	106		ug/L	☼	100	10 - 199
cis-1,2-Dichloroethene	46		106	150		ug/L	☼	99	34 - 137
Tetrachloroethene	ND		106	98.8		ug/L	☼	93	19 - 153
Toluene	ND		106	104		ug/L	☼	98	10 - 168
Trichloroethene	140		106	251		ug/L	☼	103	10 - 193
Vinyl chloride	ND		106	93.0		ug/L	☼	88	15 - 123

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260A - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-37154-18 MS

Matrix: Solid

Analysis Batch: 130966

Client Sample ID: SD-12-2014-S

Prep Type: Total/NA

Prep Batch: 130998

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	83		39 - 128
4-Bromofluorobenzene (Surr)	85		26 - 141
Toluene-d8 (Surr)	92		33 - 134
Dibromofluoromethane (Surr)	90		37 - 122

Lab Sample ID: 240-37154-18 MSD

Matrix: Solid

Analysis Batch: 130966

Client Sample ID: SD-12-2014-S

Prep Type: Total/NA

Prep Batch: 130998

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane	ND		108	117		ug/L	*	108	34 - 152	2	30
1,1-Dichloroethene	ND		108	102		ug/L	*	94	10 - 179	2	30
1,2-Dichloroethane	ND		108	103		ug/L	*	95	25 - 150	3	30
Benzene	ND		108	107		ug/L	*	99	10 - 199	1	30
cis-1,2-Dichloroethene	46		108	162		ug/L	*	107	34 - 137	8	30
Tetrachloroethene	ND		108	96.4		ug/L	*	89	19 - 153	2	30
Toluene	ND		108	102		ug/L	*	94	10 - 168	2	30
Trichloroethene	140		108	272		ug/L	*	120	10 - 193	8	30
Vinyl chloride	ND		108	95.6		ug/L	*	88	15 - 123	3	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		39 - 128
4-Bromofluorobenzene (Surr)	85		26 - 141
Toluene-d8 (Surr)	91		33 - 134
Dibromofluoromethane (Surr)	90		37 - 122

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-130511/6

Matrix: Water

Analysis Batch: 130511

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/14/14 00:49	1
1,1-Dichloroethene	ND		1.0		ug/L			05/14/14 00:49	1
1,2-Dichloroethane	ND		1.0		ug/L			05/14/14 00:49	1
Benzene	ND		1.0		ug/L			05/14/14 00:49	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/14/14 00:49	1
Tetrachloroethene	ND		1.0		ug/L			05/14/14 00:49	1
Toluene	ND		1.0		ug/L			05/14/14 00:49	1
Trichloroethene	ND		1.0		ug/L			05/14/14 00:49	1
Vinyl chloride	ND		1.0		ug/L			05/14/14 00:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		63 - 129		05/14/14 00:49	1
4-Bromofluorobenzene (Surr)	84		66 - 120		05/14/14 00:49	1
Toluene-d8 (Surr)	94		74 - 120		05/14/14 00:49	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-130511/6**  
**Matrix: Water**  
**Analysis Batch: 130511**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Dibromofluoromethane (Surr)</i>	93		75 - 121		05/14/14 00:49	1

**Lab Sample ID: LCS 240-130511/4**  
**Matrix: Water**  
**Analysis Batch: 130511**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>
1,1,2-Trichloroethane	25.0	24.7		ug/L		99	80 - 120
1,1-Dichloroethene	25.0	24.0		ug/L		96	78 - 131
1,2-Dichloroethane	25.0	27.6		ug/L		111	71 - 127
Benzene	25.0	26.2		ug/L		105	80 - 120
cis-1,2-Dichloroethene	25.0	25.8		ug/L		103	80 - 120
Tetrachloroethene	25.0	25.0		ug/L		100	79 - 120
Toluene	25.0	24.1		ug/L		96	80 - 120
Trichloroethene	25.0	27.6		ug/L		110	76 - 120
Vinyl chloride	25.0	20.2		ug/L		81	53 - 127

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	94		63 - 129
<i>4-Bromofluorobenzene (Surr)</i>	85		66 - 120
<i>Toluene-d8 (Surr)</i>	98		74 - 120
<i>Dibromofluoromethane (Surr)</i>	98		75 - 121

**Lab Sample ID: MB 240-130596/5**  
**Matrix: Water**  
**Analysis Batch: 130596**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

<i>Analyte</i>	<i>MB Result</i>	<i>MB Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,1,2-Trichloroethane	ND		1.0		ug/L			05/14/14 11:35	1
1,1-Dichloroethene	ND		1.0		ug/L			05/14/14 11:35	1
1,2-Dichloroethane	ND		1.0		ug/L			05/14/14 11:35	1
Benzene	ND		1.0		ug/L			05/14/14 11:35	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/14/14 11:35	1
Tetrachloroethene	ND		1.0		ug/L			05/14/14 11:35	1
Toluene	ND		1.0		ug/L			05/14/14 11:35	1
Trichloroethene	ND		1.0		ug/L			05/14/14 11:35	1
Vinyl chloride	ND		1.0		ug/L			05/14/14 11:35	1

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	80		63 - 129		05/14/14 11:35	1
<i>4-Bromofluorobenzene (Surr)</i>	84		66 - 120		05/14/14 11:35	1
<i>Toluene-d8 (Surr)</i>	88		74 - 120		05/14/14 11:35	1
<i>Dibromofluoromethane (Surr)</i>	85		75 - 121		05/14/14 11:35	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-130596/4**

**Matrix: Water**

**Analysis Batch: 130596**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	9.34		ug/L		93	80 - 120
1,1-Dichloroethene	10.0	9.67		ug/L		97	78 - 131
1,2-Dichloroethane	10.0	8.88		ug/L		89	71 - 127
Benzene	10.0	9.16		ug/L		92	80 - 120
cis-1,2-Dichloroethene	10.0	9.31		ug/L		93	80 - 120
Tetrachloroethene	10.0	9.71		ug/L		97	79 - 120
Toluene	10.0	9.60		ug/L		96	80 - 120
Trichloroethene	10.0	9.61		ug/L		96	76 - 120
Vinyl chloride	10.0	8.92		ug/L		89	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	78		63 - 129
4-Bromofluorobenzene (Surr)	91		66 - 120
Toluene-d8 (Surr)	89		74 - 120
Dibromofluoromethane (Surr)	86		75 - 121

**Lab Sample ID: MB 240-130697/6**

**Matrix: Water**

**Analysis Batch: 130697**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/15/14 00:50	1
1,1-Dichloroethene	ND		1.0		ug/L			05/15/14 00:50	1
1,2-Dichloroethane	ND		1.0		ug/L			05/15/14 00:50	1
Benzene	ND		1.0		ug/L			05/15/14 00:50	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/15/14 00:50	1
Tetrachloroethene	ND		1.0		ug/L			05/15/14 00:50	1
Toluene	ND		1.0		ug/L			05/15/14 00:50	1
Trichloroethene	ND		1.0		ug/L			05/15/14 00:50	1
Vinyl chloride	ND		1.0		ug/L			05/15/14 00:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		05/15/14 00:50	1
4-Bromofluorobenzene (Surr)	78		66 - 120		05/15/14 00:50	1
Toluene-d8 (Surr)	93		74 - 120		05/15/14 00:50	1
Dibromofluoromethane (Surr)	90		75 - 121		05/15/14 00:50	1

**Lab Sample ID: LCS 240-130697/4**

**Matrix: Water**

**Analysis Batch: 130697**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	25.0	24.1		ug/L		96	80 - 120
1,1-Dichloroethene	25.0	22.2		ug/L		89	78 - 131
1,2-Dichloroethane	25.0	26.8		ug/L		107	71 - 127
Benzene	25.0	24.9		ug/L		100	80 - 120
cis-1,2-Dichloroethene	25.0	24.8		ug/L		99	80 - 120

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-130697/4**

**Matrix: Water**

**Analysis Batch: 130697**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	25.5		ug/L		102	79 - 120
Toluene	25.0	23.6		ug/L		95	80 - 120
Trichloroethene	25.0	26.7		ug/L		107	76 - 120
Vinyl chloride	25.0	18.7		ug/L		75	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
4-Bromofluorobenzene (Surr)	79		66 - 120
Toluene-d8 (Surr)	95		74 - 120
Dibromofluoromethane (Surr)	94		75 - 121

**Lab Sample ID: 240-36960-5 MS**

**Matrix: Water**

**Analysis Batch: 130697**

**Client Sample ID: MW-50-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		25.0	23.4		ug/L		94	75 - 120
1,1-Dichloroethene	ND		25.0	22.3		ug/L		87	74 - 135
1,2-Dichloroethane	ND		25.0	25.9		ug/L		103	68 - 129
Benzene	ND		25.0	25.6		ug/L		98	72 - 121
cis-1,2-Dichloroethene	23		25.0	46.3		ug/L		95	70 - 120
Tetrachloroethene	ND		25.0	23.2		ug/L		93	70 - 120
Toluene	ND		25.0	23.5		ug/L		92	78 - 120
Trichloroethene	5.0		25.0	30.4		ug/L		102	66 - 120
Vinyl chloride	6.4		25.0	26.6		ug/L		81	49 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		63 - 129
4-Bromofluorobenzene (Surr)	79		66 - 120
Toluene-d8 (Surr)	96		74 - 120
Dibromofluoromethane (Surr)	94		75 - 121

**Lab Sample ID: 240-36960-5 MSD**

**Matrix: Water**

**Analysis Batch: 130697**

**Client Sample ID: MW-50-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane	ND		25.0	22.8		ug/L		91	75 - 120	3	30
1,1-Dichloroethene	ND		25.0	22.2		ug/L		86	74 - 135	0	30
1,2-Dichloroethane	ND		25.0	25.7		ug/L		103	68 - 129	0	30
Benzene	ND		25.0	25.1		ug/L		96	72 - 121	2	30
cis-1,2-Dichloroethene	23		25.0	45.2		ug/L		90	70 - 120	2	30
Tetrachloroethene	ND		25.0	23.0		ug/L		92	70 - 120	1	30
Toluene	ND		25.0	23.4		ug/L		92	78 - 120	0	30
Trichloroethene	5.0		25.0	30.3		ug/L		101	66 - 120	0	30
Vinyl chloride	6.4		25.0	24.0		ug/L		70	49 - 130	10	30

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-36960-5 MSD**

**Matrix: Water**

**Analysis Batch: 130697**

**Client Sample ID: MW-50-2014-S**

**Prep Type: Total/NA**

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	88		63 - 129
4-Bromofluorobenzene (Surr)	78		66 - 120
Toluene-d8 (Surr)	94		74 - 120
Dibromofluoromethane (Surr)	93		75 - 121

**Lab Sample ID: MB 240-130942/6**

**Matrix: Water**

**Analysis Batch: 130942**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2-Trichloroethane	ND		1.0		ug/L			05/16/14 14:19	1
1,1-Dichloroethene	ND		1.0		ug/L			05/16/14 14:19	1
1,2-Dichloroethane	ND		1.0		ug/L			05/16/14 14:19	1
Benzene	ND		1.0		ug/L			05/16/14 14:19	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/16/14 14:19	1
Tetrachloroethene	ND		1.0		ug/L			05/16/14 14:19	1
Toluene	ND		1.0		ug/L			05/16/14 14:19	1
Trichloroethene	ND		1.0		ug/L			05/16/14 14:19	1
Vinyl chloride	ND		1.0		ug/L			05/16/14 14:19	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		05/16/14 14:19	1
4-Bromofluorobenzene (Surr)	87		66 - 120		05/16/14 14:19	1
Toluene-d8 (Surr)	87		74 - 120		05/16/14 14:19	1
Dibromofluoromethane (Surr)	100		75 - 121		05/16/14 14:19	1

**Lab Sample ID: LCS 240-130942/4**

**Matrix: Water**

**Analysis Batch: 130942**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	10.5		ug/L		105	78 - 131
1,2-Dichloroethane	10.0	11.0		ug/L		110	71 - 127
Benzene	10.0	10.2		ug/L		102	80 - 120
cis-1,2-Dichloroethene	10.0	10.4		ug/L		104	80 - 120
Tetrachloroethene	10.0	9.58		ug/L		96	79 - 120
Toluene	10.0	10.1		ug/L		101	80 - 120
Trichloroethene	10.0	10.4		ug/L		104	76 - 120
Vinyl chloride	10.0	8.17		ug/L		82	53 - 127

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	107		63 - 129
4-Bromofluorobenzene (Surr)	98		66 - 120
Toluene-d8 (Surr)	92		74 - 120
Dibromofluoromethane (Surr)	100		75 - 121

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-131072/5**

**Matrix: Water**

**Analysis Batch: 131072**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 12:35	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 12:35	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 12:35	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 12:35	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 12:35	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 12:35	1
Acetone	ND		10		ug/L			05/17/14 12:35	1
Benzene	ND		1.0		ug/L			05/17/14 12:35	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 12:35	1
Chloroethane	ND		1.0		ug/L			05/17/14 12:35	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 12:35	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 12:35	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 12:35	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 12:35	1
Toluene	ND		1.0		ug/L			05/17/14 12:35	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 12:35	1
Trichloroethene	ND		1.0		ug/L			05/17/14 12:35	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 12:35	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 12:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129		05/17/14 12:35	1
4-Bromofluorobenzene (Surr)	80		66 - 120		05/17/14 12:35	1
Toluene-d8 (Surr)	90		74 - 120		05/17/14 12:35	1
Dibromofluoromethane (Surr)	88		75 - 121		05/17/14 12:35	1

**Lab Sample ID: LCS 240-131072/4**

**Matrix: Water**

**Analysis Batch: 131072**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.74		ug/L		97	74 - 120
1,1,2-Trichloroethane	10.0	9.84		ug/L		98	80 - 120
1,1-Dichloroethane	10.0	10.2		ug/L		102	80 - 120
1,1-Dichloroethene	10.0	10.5		ug/L		105	78 - 131
1,2-Dichloroethane	10.0	9.01		ug/L		90	71 - 127
1,2-Dichloropropane	10.0	9.82		ug/L		98	80 - 120
Acetone	20.0	15.8		ug/L		79	43 - 136
Benzene	10.0	9.86		ug/L		99	80 - 120
Carbon disulfide	10.0	10.5		ug/L		105	62 - 142
Chloroethane	10.0	9.25		ug/L		92	25 - 153
cis-1,2-Dichloroethene	10.0	9.59		ug/L		96	80 - 120
Ethylbenzene	10.0	9.43		ug/L		94	80 - 120
Methylene Chloride	10.0	9.98		ug/L		100	66 - 131
Tetrachloroethene	10.0	10.9		ug/L		109	79 - 120
Toluene	10.0	10.7		ug/L		107	80 - 120
trans-1,2-Dichloroethene	10.0	10.1		ug/L		101	80 - 120
Trichloroethene	10.0	9.78		ug/L		98	76 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131072/4**

**Matrix: Water**

**Analysis Batch: 131072**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	10.0	9.55		ug/L		96	53 - 127
Xylenes, Total	20.0	18.7		ug/L		93	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	80		63 - 129
4-Bromofluorobenzene (Surr)	95		66 - 120
Toluene-d8 (Surr)	95		74 - 120
Dibromofluoromethane (Surr)	83		75 - 121

**Lab Sample ID: 240-37154-1 MS**

**Matrix: Water**

**Analysis Batch: 131072**

**Client Sample ID: RT-5-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		66.7	63.1		ug/L		95	68 - 121
1,1,2-Trichloroethane	ND		66.7	64.4		ug/L		96	75 - 120
1,1-Dichloroethane	ND		66.7	67.5		ug/L		101	79 - 120
1,1-Dichloroethene	ND		66.7	65.4		ug/L		98	74 - 135
1,2-Dichloroethane	ND		66.7	59.1		ug/L		89	68 - 129
1,2-Dichloropropane	ND		66.7	64.6		ug/L		97	78 - 120
Acetone	ND		133	86.6		ug/L		65	33 - 145
Benzene	ND		66.7	64.1		ug/L		96	72 - 121
Carbon disulfide	ND		66.7	66.1		ug/L		99	57 - 147
Chloroethane	ND		66.7	64.5		ug/L		97	21 - 165
cis-1,2-Dichloroethene	210		66.7	263		ug/L		73	70 - 120
Ethylbenzene	ND		66.7	60.2		ug/L		90	75 - 120
Methylene Chloride	ND		66.7	62.9		ug/L		94	63 - 128
Tetrachloroethene	ND		66.7	68.7		ug/L		103	70 - 120
Toluene	ND		66.7	67.7		ug/L		101	78 - 120
trans-1,2-Dichloroethene	ND		66.7	67.6		ug/L		101	80 - 120
Trichloroethene	150		66.7	207		ug/L		84	66 - 120
Vinyl chloride	16		66.7	77.0		ug/L		91	49 - 130
Xylenes, Total	ND		133	116		ug/L		87	76 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	75		63 - 129
4-Bromofluorobenzene (Surr)	94		66 - 120
Toluene-d8 (Surr)	92		74 - 120
Dibromofluoromethane (Surr)	84		75 - 121

**Lab Sample ID: 240-37154-1 MSD**

**Matrix: Water**

**Analysis Batch: 131072**

**Client Sample ID: RT-5-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		66.7	62.9		ug/L		94	68 - 121	0	30
1,1,2-Trichloroethane	ND		66.7	63.9		ug/L		96	75 - 120	1	30
1,1-Dichloroethane	ND		66.7	66.9		ug/L		100	79 - 120	1	30

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-37154-1 MSD**

**Client Sample ID: RT-5-2014-S**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 131072**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits			
1,1-Dichloroethene	ND		66.7	64.9		ug/L		97	74 - 135	1	30	
1,2-Dichloroethane	ND		66.7	58.5		ug/L		88	68 - 129	1	30	
1,2-Dichloropropane	ND		66.7	64.5		ug/L		97	78 - 120	0	30	
Acetone	ND		133	102		ug/L		77	33 - 145	17	30	
Benzene	ND		66.7	63.2		ug/L		95	72 - 121	1	30	
Carbon disulfide	ND		66.7	66.3		ug/L		99	57 - 147	0	30	
Chloroethane	ND		66.7	62.6		ug/L		94	21 - 165	3	30	
cis-1,2-Dichloroethene	210		66.7	264		ug/L		75	70 - 120	1	30	
Ethylbenzene	ND		66.7	58.8		ug/L		88	75 - 120	2	30	
Methylene Chloride	ND		66.7	63.3		ug/L		95	63 - 128	1	30	
Tetrachloroethene	ND		66.7	66.5		ug/L		100	70 - 120	3	30	
Toluene	ND		66.7	66.7		ug/L		100	78 - 120	1	30	
trans-1,2-Dichloroethene	ND		66.7	66.3		ug/L		99	80 - 120	2	30	
Trichloroethene	150		66.7	205		ug/L		82	66 - 120	1	30	
Vinyl chloride	16		66.7	78.0		ug/L		92	49 - 130	1	30	
Xylenes, Total	ND		133	117		ug/L		88	76 - 120	1	30	

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	75		63 - 129
4-Bromofluorobenzene (Surr)	96		66 - 120
Toluene-d8 (Surr)	92		74 - 120
Dibromofluoromethane (Surr)	82		75 - 121

**Lab Sample ID: MB 240-131079/6**

**Client Sample ID: Method Blank**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 131079**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 15:06	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 15:06	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 15:06	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 15:06	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 15:06	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 15:06	1
Acetone	ND		10		ug/L			05/17/14 15:06	1
Benzene	ND		1.0		ug/L			05/17/14 15:06	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 15:06	1
Chloroethane	ND		1.0		ug/L			05/17/14 15:06	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 15:06	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 15:06	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 15:06	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 15:06	1
Toluene	ND		1.0		ug/L			05/17/14 15:06	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 15:06	1
Trichloroethene	ND		1.0		ug/L			05/17/14 15:06	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 15:06	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 15:06	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-131079/6**

**Matrix: Water**

**Analysis Batch: 131079**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		05/17/14 15:06	1
4-Bromofluorobenzene (Surr)	85		66 - 120		05/17/14 15:06	1
Toluene-d8 (Surr)	89		74 - 120		05/17/14 15:06	1
Dibromofluoromethane (Surr)	95		75 - 121		05/17/14 15:06	1

**Lab Sample ID: LCS 240-131079/4**

**Matrix: Water**

**Analysis Batch: 131079**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	10.4		ug/L		104	80 - 120
1,1-Dichloroethane	10.0	10.8		ug/L		108	80 - 120
1,1-Dichloroethene	10.0	10.5		ug/L		105	78 - 131
1,2-Dichloroethane	10.0	10.6		ug/L		106	71 - 127
1,2-Dichloropropane	10.0	11.0		ug/L		110	80 - 120
Acetone	20.0	23.3		ug/L		117	43 - 136
Benzene	10.0	10.1		ug/L		101	80 - 120
Carbon disulfide	10.0	11.2		ug/L		112	62 - 142
Chloroethane	10.0	7.94		ug/L		79	25 - 153
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	80 - 120
Ethylbenzene	10.0	10.5		ug/L		105	80 - 120
Methylene Chloride	10.0	9.83		ug/L		98	66 - 131
Tetrachloroethene	10.0	10.3		ug/L		103	79 - 120
Toluene	10.0	10.4		ug/L		104	80 - 120
trans-1,2-Dichloroethene	10.0	10.4		ug/L		104	80 - 120
Trichloroethene	10.0	10.0		ug/L		100	76 - 120
Vinyl chloride	10.0	9.34		ug/L		93	53 - 127
Xylenes, Total	20.0	20.9		ug/L		105	80 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	94		63 - 129
4-Bromofluorobenzene (Surr)	98		66 - 120
Toluene-d8 (Surr)	96		74 - 120
Dibromofluoromethane (Surr)	96		75 - 121

**Lab Sample ID: MB 240-131080/6**

**Matrix: Water**

**Analysis Batch: 131080**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 15:12	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 15:12	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 15:12	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 15:12	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 15:12	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 15:12	1
Acetone	ND		10		ug/L			05/17/14 15:12	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-131080/6**

**Matrix: Water**

**Analysis Batch: 131080**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			05/17/14 15:12	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 15:12	1
Chloroethane	ND		1.0		ug/L			05/17/14 15:12	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 15:12	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 15:12	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 15:12	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 15:12	1
Toluene	ND		1.0		ug/L			05/17/14 15:12	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 15:12	1
Trichloroethene	ND		1.0		ug/L			05/17/14 15:12	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 15:12	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 15:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		05/17/14 15:12	1
4-Bromofluorobenzene (Surr)	88		66 - 120		05/17/14 15:12	1
Toluene-d8 (Surr)	91		74 - 120		05/17/14 15:12	1
Dibromofluoromethane (Surr)	103		75 - 121		05/17/14 15:12	1

**Lab Sample ID: LCS 240-131080/4**

**Matrix: Water**

**Analysis Batch: 131080**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	11.8		ug/L		118	74 - 120
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	80 - 120
1,1-Dichloroethane	10.0	10.7		ug/L		107	80 - 120
1,1-Dichloroethene	10.0	10.6		ug/L		106	78 - 131
1,2-Dichloroethane	10.0	10.9		ug/L		109	71 - 127
1,2-Dichloropropane	10.0	9.35		ug/L		93	80 - 120
Acetone	20.0	18.7		ug/L		93	43 - 136
Benzene	10.0	10.1		ug/L		101	80 - 120
Carbon disulfide	10.0	10.4		ug/L		104	62 - 142
Chloroethane	10.0	8.39		ug/L		84	25 - 153
cis-1,2-Dichloroethene	10.0	10.4		ug/L		104	80 - 120
Ethylbenzene	10.0	9.63		ug/L		96	80 - 120
Methylene Chloride	10.0	11.3		ug/L		113	66 - 131
Tetrachloroethene	10.0	9.98		ug/L		100	79 - 120
Toluene	10.0	10.3		ug/L		103	80 - 120
trans-1,2-Dichloroethene	10.0	10.7		ug/L		107	80 - 120
Trichloroethene	10.0	10.4		ug/L		104	76 - 120
Vinyl chloride	10.0	8.51		ug/L		85	53 - 127
Xylenes, Total	20.0	20.1		ug/L		100	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		63 - 129
4-Bromofluorobenzene (Surr)	95		66 - 120

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131080/4**  
**Matrix: Water**  
**Analysis Batch: 131080**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	94		74 - 120
Dibromofluoromethane (Surr)	100		75 - 121

**Lab Sample ID: MB 240-131131/5**  
**Matrix: Water**  
**Analysis Batch: 131131**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0		ug/L			05/19/14 10:20	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/19/14 10:20	1
1,1-Dichloroethane	ND		1.0		ug/L			05/19/14 10:20	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 10:20	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 10:20	1
1,2-Dichloropropane	ND		1.0		ug/L			05/19/14 10:20	1
Acetone	ND		10		ug/L			05/19/14 10:20	1
Benzene	ND		1.0		ug/L			05/19/14 10:20	1
Carbon disulfide	ND		1.0		ug/L			05/19/14 10:20	1
Chloroethane	ND		1.0		ug/L			05/19/14 10:20	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 10:20	1
Ethylbenzene	ND		1.0		ug/L			05/19/14 10:20	1
Methylene Chloride	ND		1.0		ug/L			05/19/14 10:20	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 10:20	1
Toluene	ND		1.0		ug/L			05/19/14 10:20	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 10:20	1
Trichloroethene	ND		1.0		ug/L			05/19/14 10:20	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 10:20	1
Xylenes, Total	ND		2.0		ug/L			05/19/14 10:20	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	78		63 - 129		05/19/14 10:20	1
4-Bromofluorobenzene (Surr)	80		66 - 120		05/19/14 10:20	1
Toluene-d8 (Surr)	89		74 - 120		05/19/14 10:20	1
Dibromofluoromethane (Surr)	84		75 - 121		05/19/14 10:20	1

**Lab Sample ID: LCS 240-131131/4**  
**Matrix: Water**  
**Analysis Batch: 131131**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1-Trichloroethane	10.0	9.96		ug/L		100	74 - 120
1,1,2-Trichloroethane	10.0	9.62		ug/L		96	80 - 120
1,1-Dichloroethane	10.0	10.3		ug/L		103	80 - 120
1,1-Dichloroethene	10.0	10.1		ug/L		101	78 - 131
1,2-Dichloroethane	10.0	9.14		ug/L		91	71 - 127
1,2-Dichloropropane	10.0	10.1		ug/L		101	80 - 120
Acetone	20.0	16.6		ug/L		83	43 - 136
Benzene	10.0	9.92		ug/L		99	80 - 120
Carbon disulfide	10.0	10.8		ug/L		108	62 - 142

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-131131/4

Matrix: Water

Analysis Batch: 131131

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	10.0	10.0		ug/L		100	25 - 153
cis-1,2-Dichloroethene	10.0	9.65		ug/L		97	80 - 120
Ethylbenzene	10.0	9.36		ug/L		94	80 - 120
Methylene Chloride	10.0	10.1		ug/L		101	66 - 131
Tetrachloroethene	10.0	10.8		ug/L		108	79 - 120
Toluene	10.0	10.5		ug/L		105	80 - 120
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 120
Trichloroethene	10.0	10.0		ug/L		100	76 - 120
Vinyl chloride	10.0	9.52		ug/L		95	53 - 127
Xylenes, Total	20.0	18.5		ug/L		93	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	74		63 - 129
4-Bromofluorobenzene (Surr)	92		66 - 120
Toluene-d8 (Surr)	91		74 - 120
Dibromofluoromethane (Surr)	83		75 - 121

Lab Sample ID: MB 240-131184/6

Matrix: Water

Analysis Batch: 131184

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/19/14 13:37	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 13:37	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 13:37	1
Benzene	ND		1.0		ug/L			05/19/14 13:37	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 13:37	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 13:37	1
Toluene	ND		1.0		ug/L			05/19/14 13:37	1
Trichloroethene	ND		1.0		ug/L			05/19/14 13:37	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 13:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 129		05/19/14 13:37	1
4-Bromofluorobenzene (Surr)	87		66 - 120		05/19/14 13:37	1
Toluene-d8 (Surr)	90		74 - 120		05/19/14 13:37	1
Dibromofluoromethane (Surr)	105		75 - 121		05/19/14 13:37	1

Lab Sample ID: LCS 240-131184/4

Matrix: Water

Analysis Batch: 131184

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	10.4		ug/L		104	80 - 120
1,1-Dichloroethene	10.0	10.6		ug/L		106	78 - 131
1,2-Dichloroethane	10.0	11.7		ug/L		117	71 - 127
Benzene	10.0	10.5		ug/L		105	80 - 120
cis-1,2-Dichloroethene	10.0	10.7		ug/L		107	80 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-131184/4

Matrix: Water

Analysis Batch: 131184

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	10.0	9.99		ug/L		100	79 - 120
Toluene	10.0	10.5		ug/L		105	80 - 120
Trichloroethene	10.0	11.0		ug/L		110	76 - 120
Vinyl chloride	10.0	7.83		ug/L		78	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		63 - 129
4-Bromofluorobenzene (Surr)	99		66 - 120
Toluene-d8 (Surr)	93		74 - 120
Dibromofluoromethane (Surr)	98		75 - 121

Lab Sample ID: MB 240-131196/5

Matrix: Water

Analysis Batch: 131196

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/19/14 13:17	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 13:17	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 13:17	1
Benzene	ND		1.0		ug/L			05/19/14 13:17	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 13:17	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 13:17	1
Toluene	ND		1.0		ug/L			05/19/14 13:17	1
Trichloroethene	ND		1.0		ug/L			05/19/14 13:17	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 13:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		05/19/14 13:17	1
4-Bromofluorobenzene (Surr)	75		66 - 120		05/19/14 13:17	1
Toluene-d8 (Surr)	92		74 - 120		05/19/14 13:17	1
Dibromofluoromethane (Surr)	88		75 - 121		05/19/14 13:17	1

Lab Sample ID: LCS 240-131196/3

Matrix: Water

Analysis Batch: 131196

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	25.0	23.3		ug/L		93	80 - 120
1,1-Dichloroethene	25.0	29.1		ug/L		117	78 - 131
1,2-Dichloroethane	25.0	26.7		ug/L		107	71 - 127
Benzene	25.0	26.7		ug/L		107	80 - 120
cis-1,2-Dichloroethene	25.0	26.2		ug/L		105	80 - 120
Tetrachloroethene	25.0	27.9		ug/L		112	79 - 120
Toluene	25.0	25.0		ug/L		100	80 - 120
Trichloroethene	25.0	29.6		ug/L		118	76 - 120
Vinyl chloride	25.0	24.2		ug/L		97	53 - 127

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131196/3**

**Matrix: Water**

**Analysis Batch: 131196**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	89		63 - 129
4-Bromofluorobenzene (Surr)	79		66 - 120
Toluene-d8 (Surr)	95		74 - 120
Dibromofluoromethane (Surr)	95		75 - 121

**Lab Sample ID: 240-37154-10 MS**

**Matrix: Water**

**Analysis Batch: 131196**

**Client Sample ID: SW-12-2014-S**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier		Result	Qualifier				
1,1,2-Trichloroethane	ND		25.0	23.8		ug/L		95	75 - 120
1,1-Dichloroethene	ND		25.0	24.9		ug/L		100	74 - 135
1,2-Dichloroethane	ND		25.0	27.7		ug/L		111	68 - 129
Benzene	ND		25.0	25.3		ug/L		101	72 - 121
cis-1,2-Dichloroethene	4.5		25.0	29.8		ug/L		101	70 - 120
Tetrachloroethene	ND		25.0	23.6		ug/L		94	70 - 120
Toluene	ND		25.0	22.9		ug/L		92	78 - 120
Trichloroethene	8.7		25.0	34.4		ug/L		103	66 - 120
Vinyl chloride	ND		25.0	19.1		ug/L		75	49 - 130

Surrogate	MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	92		63 - 129
4-Bromofluorobenzene (Surr)	77		66 - 120
Toluene-d8 (Surr)	93		74 - 120
Dibromofluoromethane (Surr)	95		75 - 121

**Lab Sample ID: 240-37154-10 MSD**

**Matrix: Water**

**Analysis Batch: 131196**

**Client Sample ID: SW-12-2014-S**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier						
1,1,2-Trichloroethane	ND		25.0	23.0		ug/L		92	75 - 120	3	30
1,1-Dichloroethene	ND		25.0	24.5		ug/L		98	74 - 135	2	30
1,2-Dichloroethane	ND		25.0	26.7		ug/L		107	68 - 129	4	30
Benzene	ND		25.0	25.1		ug/L		100	72 - 121	1	30
cis-1,2-Dichloroethene	4.5		25.0	29.3		ug/L		99	70 - 120	2	30
Tetrachloroethene	ND		25.0	23.8		ug/L		95	70 - 120	1	30
Toluene	ND		25.0	23.0		ug/L		92	78 - 120	0	30
Trichloroethene	8.7		25.0	34.6		ug/L		104	66 - 120	1	30
Vinyl chloride	ND		25.0	20.9		ug/L		82	49 - 130	9	30

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	89		63 - 129
4-Bromofluorobenzene (Surr)	77		66 - 120
Toluene-d8 (Surr)	94		74 - 120
Dibromofluoromethane (Surr)	94		75 - 121

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-131333/5**

**Matrix: Water**

**Analysis Batch: 131333**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/20/14 11:44	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 11:44	1
1,1-Dichloroethane	ND		1.0		ug/L			05/20/14 11:44	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 11:44	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 11:44	1
1,2-Dichloropropane	ND		1.0		ug/L			05/20/14 11:44	1
Acetone	ND		10		ug/L			05/20/14 11:44	1
Benzene	ND		1.0		ug/L			05/20/14 11:44	1
Carbon disulfide	ND		1.0		ug/L			05/20/14 11:44	1
Chloroethane	ND		1.0		ug/L			05/20/14 11:44	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 11:44	1
Ethylbenzene	ND		1.0		ug/L			05/20/14 11:44	1
Methylene Chloride	ND		1.0		ug/L			05/20/14 11:44	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 11:44	1
Toluene	ND		1.0		ug/L			05/20/14 11:44	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 11:44	1
Trichloroethene	ND		1.0		ug/L			05/20/14 11:44	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 11:44	1
Xylenes, Total	ND		2.0		ug/L			05/20/14 11:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		63 - 129		05/20/14 11:44	1
4-Bromofluorobenzene (Surr)	81		66 - 120		05/20/14 11:44	1
Toluene-d8 (Surr)	86		74 - 120		05/20/14 11:44	1
Dibromofluoromethane (Surr)	87		75 - 121		05/20/14 11:44	1

**Lab Sample ID: LCS 240-131333/4**

**Matrix: Water**

**Analysis Batch: 131333**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.96		ug/L		100	74 - 120
1,1,2-Trichloroethane	10.0	9.50		ug/L		95	80 - 120
1,1-Dichloroethane	10.0	10.1		ug/L		101	80 - 120
1,1-Dichloroethene	10.0	10.1		ug/L		101	78 - 131
1,2-Dichloroethane	10.0	8.89		ug/L		89	71 - 127
1,2-Dichloropropane	10.0	9.94		ug/L		99	80 - 120
Acetone	20.0	18.2		ug/L		91	43 - 136
Benzene	10.0	9.67		ug/L		97	80 - 120
Carbon disulfide	10.0	10.9		ug/L		109	62 - 142
Chloroethane	10.0	9.24		ug/L		92	25 - 153
cis-1,2-Dichloroethene	10.0	9.59		ug/L		96	80 - 120
Ethylbenzene	10.0	9.03		ug/L		90	80 - 120
Methylene Chloride	10.0	10.4		ug/L		104	66 - 131
Tetrachloroethene	10.0	10.4		ug/L		104	79 - 120
Toluene	10.0	10.1		ug/L		101	80 - 120
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 120
Trichloroethene	10.0	9.77		ug/L		98	76 - 120

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131333/4**

**Matrix: Water**

**Analysis Batch: 131333**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	10.0	9.38		ug/L		94	53 - 127
Xylenes, Total	20.0	18.3		ug/L		92	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	76		63 - 129
4-Bromofluorobenzene (Surr)	96		66 - 120
Toluene-d8 (Surr)	90		74 - 120
Dibromofluoromethane (Surr)	84		75 - 121

**Lab Sample ID: MB 240-131335/5**

**Matrix: Water**

**Analysis Batch: 131335**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/20/14 12:00	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 12:00	1
1,1-Dichloroethane	ND		1.0		ug/L			05/20/14 12:00	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 12:00	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 12:00	1
1,2-Dichloropropane	ND		1.0		ug/L			05/20/14 12:00	1
Acetone	ND		10		ug/L			05/20/14 12:00	1
Benzene	ND		1.0		ug/L			05/20/14 12:00	1
Carbon disulfide	ND		1.0		ug/L			05/20/14 12:00	1
Chloroethane	ND		1.0		ug/L			05/20/14 12:00	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 12:00	1
Ethylbenzene	ND		1.0		ug/L			05/20/14 12:00	1
Methylene Chloride	ND		1.0		ug/L			05/20/14 12:00	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 12:00	1
Toluene	ND		1.0		ug/L			05/20/14 12:00	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 12:00	1
Trichloroethene	ND		1.0		ug/L			05/20/14 12:00	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 12:00	1
Xylenes, Total	ND		2.0		ug/L			05/20/14 12:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		05/20/14 12:00	1
4-Bromofluorobenzene (Surr)	81		66 - 120		05/20/14 12:00	1
Toluene-d8 (Surr)	80		74 - 120		05/20/14 12:00	1
Dibromofluoromethane (Surr)	107		75 - 121		05/20/14 12:00	1

**Lab Sample ID: LCS 240-131335/4**

**Matrix: Water**

**Analysis Batch: 131335**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	10.8		ug/L		108	74 - 120
1,1,2-Trichloroethane	10.0	8.91		ug/L		89	80 - 120
1,1-Dichloroethane	10.0	11.1		ug/L		111	80 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131335/4**

**Matrix: Water**

**Analysis Batch: 131335**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	10.6		ug/L		106	78 - 131
1,2-Dichloroethane	10.0	11.5		ug/L		115	71 - 127
1,2-Dichloropropane	10.0	10.6		ug/L		106	80 - 120
Acetone	20.0	18.2		ug/L		91	43 - 136
Benzene	10.0	10.4		ug/L		104	80 - 120
Carbon disulfide	10.0	10.0		ug/L		100	62 - 142
Chloroethane	10.0	17.8	*	ug/L		178	25 - 153
cis-1,2-Dichloroethene	10.0	11.6		ug/L		116	80 - 120
Ethylbenzene	10.0	10.2		ug/L		102	80 - 120
Methylene Chloride	10.0	12.5		ug/L		125	66 - 131
Tetrachloroethene	10.0	10.0		ug/L		100	79 - 120
Toluene	10.0	9.49		ug/L		95	80 - 120
trans-1,2-Dichloroethene	10.0	11.8		ug/L		118	80 - 120
Trichloroethene	10.0	11.5		ug/L		115	76 - 120
Vinyl chloride	10.0	10.4		ug/L		104	53 - 127
Xylenes, Total	20.0	20.3		ug/L		102	80 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		63 - 129
4-Bromofluorobenzene (Surr)	92		66 - 120
Toluene-d8 (Surr)	84		74 - 120
Dibromofluoromethane (Surr)	104		75 - 121

**Lab Sample ID: MB 240-131365/5**

**Matrix: Water**

**Analysis Batch: 131365**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 13:13	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 13:13	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 13:13	1
Benzene	ND		1.0		ug/L			05/20/14 13:13	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 13:13	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 13:13	1
Toluene	ND		1.0		ug/L			05/20/14 13:13	1
Trichloroethene	ND		1.0		ug/L			05/20/14 13:13	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 13:13	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		05/20/14 13:13	1
4-Bromofluorobenzene (Surr)	83		66 - 120		05/20/14 13:13	1
Toluene-d8 (Surr)	93		74 - 120		05/20/14 13:13	1
Dibromofluoromethane (Surr)	89		75 - 121		05/20/14 13:13	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131365/3**

**Matrix: Water**

**Analysis Batch: 131365**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	25.0	23.5		ug/L		94	80 - 120
1,1-Dichloroethene	25.0	28.4		ug/L		114	78 - 131
1,2-Dichloroethane	25.0	27.7		ug/L		111	71 - 127
Benzene	25.0	26.6		ug/L		106	80 - 120
cis-1,2-Dichloroethene	25.0	27.0		ug/L		108	80 - 120
Tetrachloroethene	25.0	27.5		ug/L		110	79 - 120
Toluene	25.0	24.5		ug/L		98	80 - 120
Trichloroethene	25.0	29.8		ug/L		119	76 - 120
Vinyl chloride	25.0	22.0		ug/L		88	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		63 - 129
4-Bromofluorobenzene (Surr)	87		66 - 120
Toluene-d8 (Surr)	101		74 - 120
Dibromofluoromethane (Surr)	105		75 - 121

**Lab Sample ID: 240-37219-1 MS**

**Matrix: Water**

**Analysis Batch: 131365**

**Client Sample ID: MW-11-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		25.0	23.3		ug/L		93	75 - 120
1,1-Dichloroethene	ND		25.0	25.1		ug/L		100	74 - 135
1,2-Dichloroethane	ND		25.0	27.2		ug/L		109	68 - 129
Benzene	ND		25.0	25.1		ug/L		100	72 - 121
cis-1,2-Dichloroethene	1.2		25.0	26.4		ug/L		101	70 - 120
Tetrachloroethene	ND		25.0	25.3		ug/L		101	70 - 120
Toluene	ND		25.0	23.4		ug/L		93	78 - 120
Trichloroethene	4.0		25.0	32.2		ug/L		113	66 - 120
Vinyl chloride	ND		25.0	18.1		ug/L		73	49 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		63 - 129
4-Bromofluorobenzene (Surr)	78		66 - 120
Toluene-d8 (Surr)	94		74 - 120
Dibromofluoromethane (Surr)	96		75 - 121

**Lab Sample ID: 240-37219-1 MSD**

**Matrix: Water**

**Analysis Batch: 131365**

**Client Sample ID: MW-11-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane	ND		25.0	22.3		ug/L		89	75 - 120	4	30
1,1-Dichloroethene	ND		25.0	22.9		ug/L		92	74 - 135	9	30
1,2-Dichloroethane	ND		25.0	26.2		ug/L		105	68 - 129	4	30
Benzene	ND		25.0	23.9		ug/L		96	72 - 121	5	30
cis-1,2-Dichloroethene	1.2		25.0	25.5		ug/L		97	70 - 120	3	30

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-37219-1 MSD**

**Matrix: Water**

**Analysis Batch: 131365**

**Client Sample ID: MW-11-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene	ND		25.0	22.9		ug/L		92	70 - 120	10	30
Toluene	ND		25.0	21.9		ug/L		88	78 - 120	6	30
Trichloroethene	4.0		25.0	29.5		ug/L		102	66 - 120	9	30
Vinyl chloride	ND		25.0	19.0		ug/L		76	49 - 130	5	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
4-Bromofluorobenzene (Surr)	77		66 - 120
Toluene-d8 (Surr)	92		74 - 120
Dibromofluoromethane (Surr)	95		75 - 121

**Lab Sample ID: MB 240-131531/6**

**Matrix: Water**

**Analysis Batch: 131531**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/21/14 12:36	1
1,1-Dichloroethene	ND		1.0		ug/L			05/21/14 12:36	1
1,2-Dichloroethane	ND		1.0		ug/L			05/21/14 12:36	1
Benzene	ND		1.0		ug/L			05/21/14 12:36	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/21/14 12:36	1
Tetrachloroethene	ND		1.0		ug/L			05/21/14 12:36	1
Toluene	ND		1.0		ug/L			05/21/14 12:36	1
Trichloroethene	ND		1.0		ug/L			05/21/14 12:36	1
Vinyl chloride	ND		1.0		ug/L			05/21/14 12:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		05/21/14 12:36	1
4-Bromofluorobenzene (Surr)	82		66 - 120		05/21/14 12:36	1
Toluene-d8 (Surr)	89		74 - 120		05/21/14 12:36	1
Dibromofluoromethane (Surr)	111		75 - 121		05/21/14 12:36	1

**Lab Sample ID: LCS 240-131531/4**

**Matrix: Water**

**Analysis Batch: 131531**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	8.97		ug/L		90	80 - 120
1,1-Dichloroethene	10.0	11.9		ug/L		119	78 - 131
1,2-Dichloroethane	10.0	8.62		ug/L		86	71 - 127
Benzene	10.0	9.78		ug/L		98	80 - 120
cis-1,2-Dichloroethene	10.0	9.73		ug/L		97	80 - 120
Tetrachloroethene	10.0	10.1		ug/L		101	79 - 120
Toluene	10.0	9.71		ug/L		97	80 - 120
Trichloroethene	10.0	9.67		ug/L		97	76 - 120
Vinyl chloride	10.0	12.3		ug/L		123	53 - 127

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131531/4**  
**Matrix: Water**  
**Analysis Batch: 131531**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	86		63 - 129
4-Bromofluorobenzene (Surr)	100		66 - 120
Toluene-d8 (Surr)	94		74 - 120
Dibromofluoromethane (Surr)	95		75 - 121

**Lab Sample ID: MB 240-131760/6**  
**Matrix: Water**  
**Analysis Batch: 131760**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0		ug/L			05/22/14 23:31	1
1,1-Dichloroethane	ND		1.0		ug/L			05/22/14 23:31	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/22/14 23:31	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/22/14 23:31	1
1,1-Dichloroethene	ND		1.0		ug/L			05/22/14 23:31	1
1,2-Dichloroethane	ND		1.0		ug/L			05/22/14 23:31	1
1,2-Dichloropropane	ND		1.0		ug/L			05/22/14 23:31	1
Acetone	ND		10		ug/L			05/22/14 23:31	1
Benzene	ND		1.0		ug/L			05/22/14 23:31	1
Carbon disulfide	1.78		1.0		ug/L			05/22/14 23:31	1
Chloroethane	ND		1.0		ug/L			05/22/14 23:31	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/22/14 23:31	1
Ethylbenzene	ND		1.0		ug/L			05/22/14 23:31	1
Methylene Chloride	ND		1.0		ug/L			05/22/14 23:31	1
Tetrachloroethene	ND		1.0		ug/L			05/22/14 23:31	1
Toluene	ND		1.0		ug/L			05/22/14 23:31	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/22/14 23:31	1
Trichloroethene	ND		1.0		ug/L			05/22/14 23:31	1
Vinyl chloride	ND		1.0		ug/L			05/22/14 23:31	1
Xylenes, Total	ND		2.0		ug/L			05/22/14 23:31	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		05/22/14 23:31	1
4-Bromofluorobenzene (Surr)	79		66 - 120		05/22/14 23:31	1
Toluene-d8 (Surr)	89		74 - 120		05/22/14 23:31	1
Dibromofluoromethane (Surr)	95		75 - 121		05/22/14 23:31	1

**Lab Sample ID: LCS 240-131760/4**  
**Matrix: Water**  
**Analysis Batch: 131760**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1-Trichloroethane	25.0	23.3		ug/L		93	74 - 120
1,1-Dichloroethane	25.0	25.1		ug/L		100	80 - 120
1,1,2-Trichloroethane	25.0	22.4		ug/L		89	80 - 120
1,2,4-Trimethylbenzene	25.0	20.6		ug/L		82	76 - 120
1,1-Dichloroethene	25.0	24.2		ug/L		97	78 - 131
1,2-Dichloroethane	25.0	25.8		ug/L		103	71 - 127

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131760/4**

**Matrix: Water**

**Analysis Batch: 131760**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	25.0	24.7		ug/L		99	80 - 120
Acetone	50.0	53.5		ug/L		107	43 - 136
Benzene	25.0	23.8		ug/L		95	80 - 120
Carbon disulfide	25.0	24.8		ug/L		99	62 - 142
Chloroethane	25.0	20.7		ug/L		83	25 - 153
cis-1,2-Dichloroethene	25.0	24.0		ug/L		96	80 - 120
Ethylbenzene	25.0	21.8		ug/L		87	80 - 120
Methylene Chloride	25.0	23.1		ug/L		93	66 - 131
Tetrachloroethene	25.0	23.5		ug/L		94	79 - 120
Toluene	25.0	21.8		ug/L		87	80 - 120
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	80 - 120
Trichloroethene	25.0	26.4		ug/L		105	76 - 120
Vinyl chloride	25.0	19.6		ug/L		79	53 - 127
Xylenes, Total	50.0	42.9		ug/L		86	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
4-Bromofluorobenzene (Surr)	76		66 - 120
Toluene-d8 (Surr)	91		74 - 120
Dibromofluoromethane (Surr)	95		75 - 121

**Lab Sample ID: MB 240-131939/5**

**Matrix: Water**

**Analysis Batch: 131939**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/23/14 17:23	1
1,1-Dichloroethene	ND		1.0		ug/L			05/23/14 17:23	1
1,2-Dichloroethane	ND		1.0		ug/L			05/23/14 17:23	1
Benzene	ND		1.0		ug/L			05/23/14 17:23	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/23/14 17:23	1
Tetrachloroethene	ND		1.0		ug/L			05/23/14 17:23	1
Toluene	ND		1.0		ug/L			05/23/14 17:23	1
Trichloroethene	ND		1.0		ug/L			05/23/14 17:23	1
Vinyl chloride	ND		1.0		ug/L			05/23/14 17:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		05/23/14 17:23	1
4-Bromofluorobenzene (Surr)	76		66 - 120		05/23/14 17:23	1
Toluene-d8 (Surr)	96		74 - 120		05/23/14 17:23	1
Dibromofluoromethane (Surr)	91		75 - 121		05/23/14 17:23	1

**Lab Sample ID: LCS 240-131939/3**

**Matrix: Water**

**Analysis Batch: 131939**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	25.0	23.2		ug/L		93	80 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131939/3**

**Matrix: Water**

**Analysis Batch: 131939**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	25.0	28.6		ug/L		115	78 - 131
1,2-Dichloroethane	25.0	27.1		ug/L		108	71 - 127
Benzene	25.0	26.5		ug/L		106	80 - 120
cis-1,2-Dichloroethene	25.0	27.9		ug/L		112	80 - 120
Tetrachloroethene	25.0	27.2		ug/L		109	79 - 120
Toluene	25.0	23.9		ug/L		96	80 - 120
Trichloroethene	25.0	29.5		ug/L		118	76 - 120
Vinyl chloride	25.0	25.6		ug/L		102	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		63 - 129
4-Bromofluorobenzene (Surr)	83		66 - 120
Toluene-d8 (Surr)	100		74 - 120
Dibromofluoromethane (Surr)	109		75 - 121

**Lab Sample ID: MB 240-131983/6**

**Matrix: Water**

**Analysis Batch: 131983**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/14 14:29	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/14 14:29	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/14 14:29	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/24/14 14:29	1
1,1-Dichloroethene	ND		1.0		ug/L			05/24/14 14:29	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/14 14:29	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/14 14:29	1
Acetone	ND		10		ug/L			05/24/14 14:29	1
Benzene	ND		1.0		ug/L			05/24/14 14:29	1
Carbon disulfide	ND		1.0		ug/L			05/24/14 14:29	1
Chloroethane	ND		1.0		ug/L			05/24/14 14:29	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/24/14 14:29	1
Ethylbenzene	ND		1.0		ug/L			05/24/14 14:29	1
Methylene Chloride	ND		1.0		ug/L			05/24/14 14:29	1
Tetrachloroethene	ND		1.0		ug/L			05/24/14 14:29	1
Toluene	ND		1.0		ug/L			05/24/14 14:29	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/24/14 14:29	1
Trichloroethene	ND		1.0		ug/L			05/24/14 14:29	1
Vinyl chloride	ND		1.0		ug/L			05/24/14 14:29	1
Xylenes, Total	ND		2.0		ug/L			05/24/14 14:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		63 - 129		05/24/14 14:29	1
4-Bromofluorobenzene (Surr)	86		66 - 120		05/24/14 14:29	1
Toluene-d8 (Surr)	94		74 - 120		05/24/14 14:29	1
Dibromofluoromethane (Surr)	101		75 - 121		05/24/14 14:29	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131983/4**

**Matrix: Water**

**Analysis Batch: 131983**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	11.2		ug/L		112	74 - 120
1,1-Dichloroethane	10.0	10.8		ug/L		108	80 - 120
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	80 - 120
1,2,4-Trimethylbenzene	10.0	10.0		ug/L		100	76 - 120
1,1-Dichloroethene	10.0	10.5		ug/L		105	78 - 131
1,2-Dichloroethane	10.0	11.5		ug/L		115	71 - 127
1,2-Dichloropropane	10.0	10.5		ug/L		105	80 - 120
Acetone	20.0	26.7		ug/L		133	43 - 136
Benzene	10.0	10.0		ug/L		100	80 - 120
Carbon disulfide	10.0	11.2		ug/L		112	62 - 142
Chloroethane	10.0	6.42		ug/L		64	25 - 153
cis-1,2-Dichloroethene	10.0	9.32		ug/L		93	80 - 120
Ethylbenzene	10.0	9.84		ug/L		98	80 - 120
Methylene Chloride	10.0	9.72		ug/L		97	66 - 131
Tetrachloroethene	10.0	9.48		ug/L		95	79 - 120
Toluene	10.0	10.2		ug/L		102	80 - 120
trans-1,2-Dichloroethene	10.0	10.1		ug/L		101	80 - 120
Trichloroethene	10.0	9.51		ug/L		95	76 - 120
Vinyl chloride	10.0	10.3		ug/L		103	53 - 127
Xylenes, Total	20.0	19.9		ug/L		99	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		63 - 129
4-Bromofluorobenzene (Surr)	97		66 - 120
Toluene-d8 (Surr)	97		74 - 120
Dibromofluoromethane (Surr)	100		75 - 121

**Lab Sample ID: 240-37489-10 MS**

**Matrix: Water**

**Analysis Batch: 131983**

**Client Sample ID: VP-114-051514**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		10.0	11.3		ug/L		113	68 - 121
1,1,2-Trichloroethane	ND		10.0	10.4		ug/L		104	75 - 120
1,1-Dichloroethane	ND		10.0	11.0		ug/L		110	79 - 120
1,1-Dichloroethene	ND		10.0	10.1		ug/L		101	74 - 135
1,2,4-Trimethylbenzene	ND		10.0	7.49		ug/L		75	67 - 124
1,2-Dichloroethane	ND		10.0	12.0		ug/L		120	68 - 129
1,2-Dichloropropane	ND		10.0	10.7		ug/L		107	78 - 120
Acetone	ND		20.0	26.1		ug/L		121	33 - 145
Benzene	ND		10.0	10.1		ug/L		101	72 - 121
Carbon disulfide	ND		10.0	10.9		ug/L		108	57 - 147
Chloroethane	ND		10.0	8.92		ug/L		89	21 - 165
cis-1,2-Dichloroethene	3.5		10.0	11.9		ug/L		84	70 - 120
Ethylbenzene	ND		10.0	9.00		ug/L		90	75 - 120
Methylene Chloride	ND		10.0	9.97		ug/L		100	63 - 128
Tetrachloroethene	ND		10.0	8.39		ug/L		84	70 - 120
Toluene	ND		10.0	10.0		ug/L		100	78 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-37489-10 MS**

**Matrix: Water**

**Analysis Batch: 131983**

**Client Sample ID: VP-114-051514**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
trans-1,2-Dichloroethene	ND		10.0	10.2		ug/L		102	80 - 120
Trichloroethene	3.2		10.0	11.1		ug/L		79	66 - 120
Vinyl chloride	ND		10.0	9.79		ug/L		98	49 - 130
Xylenes, Total	ND		20.0	17.6		ug/L		88	76 - 120

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	110		63 - 129
4-Bromofluorobenzene (Surr)	99		66 - 120
Toluene-d8 (Surr)	99		74 - 120
Dibromofluoromethane (Surr)	99		75 - 121

**Lab Sample ID: 240-37489-10 MSD**

**Matrix: Water**

**Analysis Batch: 131983**

**Client Sample ID: VP-114-051514**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		10.0	11.3		ug/L		113	68 - 121	0	30
1,1,2-Trichloroethane	ND		10.0	10.3		ug/L		103	75 - 120	1	30
1,1-Dichloroethane	ND		10.0	11.1		ug/L		111	79 - 120	1	30
1,1-Dichloroethene	ND		10.0	10.3		ug/L		103	74 - 135	2	30
1,2,4-Trimethylbenzene	ND		10.0	7.26		ug/L		73	67 - 124	3	30
1,2-Dichloroethane	ND		10.0	12.0		ug/L		120	68 - 129	0	30
1,2-Dichloropropane	ND		10.0	10.6		ug/L		106	78 - 120	1	30
Acetone	ND		20.0	28.6		ug/L		133	33 - 145	9	30
Benzene	ND		10.0	10.1		ug/L		101	72 - 121	0	30
Carbon disulfide	ND		10.0	10.8		ug/L		107	57 - 147	1	30
Chloroethane	ND		10.0	6.95		ug/L		69	21 - 165	25	30
cis-1,2-Dichloroethene	3.5		10.0	13.3		ug/L		98	70 - 120	11	30
Ethylbenzene	ND		10.0	8.84		ug/L		88	75 - 120	2	30
Methylene Chloride	ND		10.0	10.1		ug/L		101	63 - 128	2	30
Tetrachloroethene	ND		10.0	8.35		ug/L		83	70 - 120	0	30
Toluene	ND		10.0	9.63		ug/L		96	78 - 120	4	30
trans-1,2-Dichloroethene	ND		10.0	10.3		ug/L		103	80 - 120	1	30
Trichloroethene	3.2		10.0	12.1		ug/L		89	66 - 120	9	30
Vinyl chloride	ND		10.0	10.1		ug/L		101	49 - 130	4	30
Xylenes, Total	ND		20.0	17.0		ug/L		85	76 - 120	4	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	110		63 - 129
4-Bromofluorobenzene (Surr)	98		66 - 120
Toluene-d8 (Surr)	97		74 - 120
Dibromofluoromethane (Surr)	98		75 - 121

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-132099/5**

**Matrix: Water**

**Analysis Batch: 132099**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 11:34	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 11:34	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 11:34	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 11:34	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 11:34	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 11:34	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 11:34	1
Acetone	ND		10		ug/L			05/27/14 11:34	1
Benzene	ND		1.0		ug/L			05/27/14 11:34	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 11:34	1
Chloroethane	ND		1.0		ug/L			05/27/14 11:34	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 11:34	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 11:34	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 11:34	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 11:34	1
Toluene	ND		1.0		ug/L			05/27/14 11:34	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 11:34	1
Trichloroethene	ND		1.0		ug/L			05/27/14 11:34	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 11:34	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 11:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		63 - 129		05/27/14 11:34	1
4-Bromofluorobenzene (Surr)	81		66 - 120		05/27/14 11:34	1
Toluene-d8 (Surr)	83		74 - 120		05/27/14 11:34	1
Dibromofluoromethane (Surr)	94		75 - 121		05/27/14 11:34	1

**Lab Sample ID: LCS 240-132099/4**

**Matrix: Water**

**Analysis Batch: 132099**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.37		ug/L		94	74 - 120
1,1-Dichloroethane	10.0	9.48		ug/L		95	80 - 120
1,1,2-Trichloroethane	10.0	9.98		ug/L		100	80 - 120
1,2,4-Trimethylbenzene	10.0	8.87		ug/L		89	76 - 120
1,1-Dichloroethene	10.0	9.24		ug/L		92	78 - 131
1,2-Dichloroethane	10.0	10.3		ug/L		103	71 - 127
1,2-Dichloropropane	10.0	9.40		ug/L		94	80 - 120
Acetone	20.0	14.6		ug/L		73	43 - 136
Benzene	10.0	9.44		ug/L		94	80 - 120
Carbon disulfide	10.0	8.92		ug/L		89	62 - 142
Chloroethane	10.0	14.4		ug/L		144	25 - 153
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	80 - 120
Ethylbenzene	10.0	10.5		ug/L		105	80 - 120
Methylene Chloride	10.0	10.2		ug/L		102	66 - 131
Tetrachloroethene	10.0	10.7		ug/L		107	79 - 120
Toluene	10.0	9.96		ug/L		100	80 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-132099/4**

**Matrix: Water**

**Analysis Batch: 132099**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	10.0	10.2		ug/L		102	80 - 120
Trichloroethene	10.0	10.7		ug/L		107	76 - 120
Vinyl chloride	10.0	8.86		ug/L		89	53 - 127
Xylenes, Total	20.0	20.2		ug/L		101	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
4-Bromofluorobenzene (Surr)	91		66 - 120
Toluene-d8 (Surr)	90		74 - 120
Dibromofluoromethane (Surr)	92		75 - 121

**Lab Sample ID: MB 240-132266/5**

**Matrix: Water**

**Analysis Batch: 132266**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/28/14 10:33	1
1,1-Dichloroethane	ND		1.0		ug/L			05/28/14 10:33	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/28/14 10:33	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/28/14 10:33	1
1,1-Dichloroethene	ND		1.0		ug/L			05/28/14 10:33	1
1,2-Dichloroethane	ND		1.0		ug/L			05/28/14 10:33	1
1,2-Dichloropropane	ND		1.0		ug/L			05/28/14 10:33	1
Acetone	ND		10		ug/L			05/28/14 10:33	1
Benzene	ND		1.0		ug/L			05/28/14 10:33	1
Carbon disulfide	ND		1.0		ug/L			05/28/14 10:33	1
Chloroethane	ND		1.0		ug/L			05/28/14 10:33	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/28/14 10:33	1
Ethylbenzene	ND		1.0		ug/L			05/28/14 10:33	1
Methylene Chloride	ND		1.0		ug/L			05/28/14 10:33	1
Tetrachloroethene	ND		1.0		ug/L			05/28/14 10:33	1
Toluene	ND		1.0		ug/L			05/28/14 10:33	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/28/14 10:33	1
Trichloroethene	ND		1.0		ug/L			05/28/14 10:33	1
Vinyl chloride	ND		1.0		ug/L			05/28/14 10:33	1
Xylenes, Total	ND		2.0		ug/L			05/28/14 10:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		05/28/14 10:33	1
4-Bromofluorobenzene (Surr)	76		66 - 120		05/28/14 10:33	1
Toluene-d8 (Surr)	81		74 - 120		05/28/14 10:33	1
Dibromofluoromethane (Surr)	93		75 - 121		05/28/14 10:33	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-132266/4**

**Matrix: Water**

**Analysis Batch: 132266**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.27		ug/L		93	74 - 120
1,1-Dichloroethane	10.0	9.78		ug/L		98	80 - 120
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	80 - 120
1,2,4-Trimethylbenzene	10.0	9.40		ug/L		94	76 - 120
1,1-Dichloroethene	10.0	9.83		ug/L		98	78 - 131
1,2-Dichloroethane	10.0	10.9		ug/L		109	71 - 127
1,2-Dichloropropane	10.0	9.59		ug/L		96	80 - 120
Acetone	20.0	14.2		ug/L		71	43 - 136
Benzene	10.0	9.72		ug/L		97	80 - 120
Carbon disulfide	10.0	9.01		ug/L		90	62 - 142
Chloroethane	10.0	13.3		ug/L		133	25 - 153
cis-1,2-Dichloroethene	10.0	10.2		ug/L		102	80 - 120
Ethylbenzene	10.0	10.5		ug/L		105	80 - 120
Methylene Chloride	10.0	10.6		ug/L		106	66 - 131
Tetrachloroethene	10.0	10.9		ug/L		109	79 - 120
Toluene	10.0	10.4		ug/L		104	80 - 120
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 120
Trichloroethene	10.0	10.8		ug/L		108	76 - 120
Vinyl chloride	10.0	9.16		ug/L		92	53 - 127
Xylenes, Total	20.0	20.1		ug/L		100	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		63 - 129
4-Bromofluorobenzene (Surr)	88		66 - 120
Toluene-d8 (Surr)	89		74 - 120
Dibromofluoromethane (Surr)	94		75 - 121

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

**Lab Sample ID: 240-37135-1 MS**

**Matrix: Water**

**Analysis Batch: 131455**

**Client Sample ID: RT-5-2014-S**

**Prep Type: Total/NA**

**Prep Batch: 130133**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	6.3		40.0	30.4		ug/L		60	10 - 160
2-Methylnaphthalene	ND		40.0	26.2		ug/L		65	10 - 160
Naphthalene	ND		40.0	25.9		ug/L		65	10 - 160
Pentachlorophenol	ND		80.0	40.8		ug/L		51	10 - 160
1,2,4,5-Tetrachlorobenzene	ND		40.0	25.9		ug/L		65	10 - 160
1,2,4-Trichlorobenzene	1.0		40.0	25.9		ug/L		62	10 - 160

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl (Surr)	69		29 - 110
2-Fluorophenol (Surr)	67		15 - 110
2,4,6-Tribromophenol (Surr)	66		21 - 128
Nitrobenzene-d5 (Surr)	70		31 - 110
Phenol-d5 (Surr)	72		10 - 110

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-37135-1 MS**

**Matrix: Water**

**Analysis Batch: 131455**

**Client Sample ID: RT-5-2014-S**

**Prep Type: Total/NA**

**Prep Batch: 130133**

<i>Surrogate</i>	<i>MS</i> %Recovery	<i>MS</i> Qualifier	<i>Limits</i>
<i>Terphenyl-d14 (Surr)</i>	48		31 - 115

**Lab Sample ID: 240-37135-1 MSD**

**Matrix: Water**

**Analysis Batch: 131455**

**Client Sample ID: RT-5-2014-S**

**Prep Type: Total/NA**

**Prep Batch: 130133**

<i>Analyte</i>	<i>Sample</i> Result	<i>Sample</i> Qualifier	<i>Spike</i> Added	<i>MSD</i> Result	<i>MSD</i> Qualifier	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> Limits	<i>RPD</i>	<i>RPD</i> Limit
Bis(2-ethylhexyl) phthalate	6.3		43.5	33.7		ug/L		63	10 - 160	11	30
2-Methylnaphthalene	ND		43.5	29.6		ug/L		68	10 - 160	12	30
Naphthalene	ND		43.5	28.1		ug/L		65	10 - 160	8	30
Pentachlorophenol	ND		87.0	50.7		ug/L		58	10 - 160	22	30
1,2,4,5-Tetrachlorobenzene	ND		43.5	28.2		ug/L		65	10 - 160	9	30
1,2,4-Trichlorobenzene	1.0		43.5	27.5		ug/L		61	10 - 160	6	30

<i>Surrogate</i>	<i>MSD</i> %Recovery	<i>MSD</i> Qualifier	<i>Limits</i>
<i>2-Fluorobiphenyl (Surr)</i>	69		29 - 110
<i>2-Fluorophenol (Surr)</i>	63		15 - 110
<i>2,4,6-Tribromophenol (Surr)</i>	72		21 - 128
<i>Nitrobenzene-d5 (Surr)</i>	68		31 - 110
<i>Phenol-d5 (Surr)</i>	70		10 - 110
<i>Terphenyl-d14 (Surr)</i>	50		31 - 115

**Lab Sample ID: MB 240-130584/20-A**

**Matrix: Water**

**Analysis Batch: 131276**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 130584**

<i>Analyte</i>	<i>MB</i> Result	<i>MB</i> Qualifier	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Bis(2-ethylhexyl) phthalate	2.31		2.0		ug/L		05/14/14 08:59	05/20/14 08:10	1
2-Methylnaphthalene	ND		0.20		ug/L		05/14/14 08:59	05/20/14 08:10	1
Naphthalene	ND		0.20		ug/L		05/14/14 08:59	05/20/14 08:10	1
Pentachlorophenol	ND		40		ug/L		05/14/14 08:59	05/20/14 08:10	1
1,2,4,5-Tetrachlorobenzene	ND		1.0		ug/L		05/14/14 08:59	05/20/14 08:10	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L		05/14/14 08:59	05/20/14 08:10	1

<i>Surrogate</i>	<i>MB</i> %Recovery	<i>MB</i> Qualifier	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>2-Fluorobiphenyl (Surr)</i>	71		29 - 110	05/14/14 08:59	05/20/14 08:10	1
<i>2-Fluorophenol (Surr)</i>	69		15 - 110	05/14/14 08:59	05/20/14 08:10	1
<i>2,4,6-Tribromophenol (Surr)</i>	68		21 - 128	05/14/14 08:59	05/20/14 08:10	1
<i>Nitrobenzene-d5 (Surr)</i>	73		31 - 110	05/14/14 08:59	05/20/14 08:10	1
<i>Phenol-d5 (Surr)</i>	68		10 - 110	05/14/14 08:59	05/20/14 08:10	1
<i>Terphenyl-d14 (Surr)</i>	91		31 - 115	05/14/14 08:59	05/20/14 08:10	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-130584/21-A**

**Matrix: Water**

**Analysis Batch: 131276**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 130584**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Bis(2-ethylhexyl) phthalate	40.0	36.8		ug/L		92	40 - 160
2-Methylnaphthalene	40.0	30.3		ug/L		76	40 - 160
Naphthalene	40.0	30.6		ug/L		76	40 - 160
Pentachlorophenol	80.0	53.0		ug/L		66	10 - 120
1,2,4,5-Tetrachlorobenzene	40.0	28.1		ug/L		70	40 - 160
1,2,4-Trichlorobenzene	40.0	27.0		ug/L		68	40 - 160

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	77		29 - 110
2-Fluorophenol (Surr)	76		15 - 110
2,4,6-Tribromophenol (Surr)	77		21 - 128
Nitrobenzene-d5 (Surr)	81		31 - 110
Phenol-d5 (Surr)	82		10 - 110
Terphenyl-d14 (Surr)	94		31 - 115

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

**Lab Sample ID: MB 140-1246/5**

**Matrix: Air**

**Analysis Batch: 1246**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20		ppb v/v			05/22/14 13:21	1
Tetrachloroethene	ND		0.20		ppb v/v			05/22/14 13:21	1
1,2-Dichloroethane	ND		0.20		ppb v/v			05/22/14 13:21	1
1,1,2-Trichloroethane	ND		0.20		ppb v/v			05/22/14 13:21	1
Methylene Chloride	ND		0.50		ppb v/v			05/22/14 13:21	1
1,2,4-Trimethylbenzene	ND		0.20		ppb v/v			05/22/14 13:21	1
Toluene	ND		0.20		ppb v/v			05/22/14 13:21	1
o-Xylene	ND		0.20		ppb v/v			05/22/14 13:21	1
trans-1,2-Dichloroethene	ND		0.20		ppb v/v			05/22/14 13:21	1
1,1-Dichloroethene	ND		0.20		ppb v/v			05/22/14 13:21	1
Trichloroethene	ND		0.20		ppb v/v			05/22/14 13:21	1
Ethylbenzene	ND		0.20		ppb v/v			05/22/14 13:21	1
Xylenes, Total	ND		0.40		ppb v/v			05/22/14 13:21	1
cis-1,2-Dichloroethene	ND		0.20		ppb v/v			05/22/14 13:21	1
m-Xylene & p-Xylene	ND		0.20		ppb v/v			05/22/14 13:21	1
Vinyl chloride	ND		0.20		ppb v/v			05/22/14 13:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		60 - 140		05/22/14 13:21	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: LCS 140-1246/1002**

**Matrix: Air**

**Analysis Batch: 1246**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	2.00	2.32		ppb v/v		116	70 - 130
Tetrachloroethene	2.00	2.12		ppb v/v		106	70 - 130
1,2-Dichloroethane	2.00	2.17		ppb v/v		108	70 - 130
1,1,2-Trichloroethane	2.00	2.23		ppb v/v		112	70 - 130
Methylene Chloride	2.00	2.50		ppb v/v		125	70 - 130
1,2,4-Trimethylbenzene	2.00	2.11		ppb v/v		106	70 - 130
Toluene	2.00	2.30		ppb v/v		115	70 - 130
o-Xylene	2.00	2.21		ppb v/v		110	70 - 130
trans-1,2-Dichloroethene	2.00	2.19		ppb v/v		109	70 - 130
1,1-Dichloroethene	2.00	2.51		ppb v/v		125	70 - 130
Trichloroethene	2.00	2.16		ppb v/v		108	70 - 130
Ethylbenzene	2.00	2.27		ppb v/v		113	70 - 130
Xylenes, Total	6.00	6.67		ppb v/v		111	70 - 130
cis-1,2-Dichloroethene	2.00	2.46		ppb v/v		123	70 - 130
m-Xylene & p-Xylene	4.00	4.46		ppb v/v		111	70 - 130
Vinyl chloride	2.00	2.27		ppb v/v		114	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		60 - 140

**Lab Sample ID: MB 140-1254/4**

**Matrix: Air**

**Analysis Batch: 1254**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20		ppb v/v			05/23/14 12:04	1
Tetrachloroethene	ND		0.20		ppb v/v			05/23/14 12:04	1
1,2-Dichloroethane	ND		0.20		ppb v/v			05/23/14 12:04	1
1,1,2-Trichloroethane	ND		0.20		ppb v/v			05/23/14 12:04	1
Methylene Chloride	ND		0.50		ppb v/v			05/23/14 12:04	1
1,2,4-Trimethylbenzene	ND		0.20		ppb v/v			05/23/14 12:04	1
Toluene	ND		0.20		ppb v/v			05/23/14 12:04	1
o-Xylene	ND		0.20		ppb v/v			05/23/14 12:04	1
trans-1,2-Dichloroethene	ND		0.20		ppb v/v			05/23/14 12:04	1
1,1-Dichloroethene	ND		0.20		ppb v/v			05/23/14 12:04	1
Trichloroethene	ND		0.20		ppb v/v			05/23/14 12:04	1
Ethylbenzene	ND		0.20		ppb v/v			05/23/14 12:04	1
Xylenes, Total	ND		0.40		ppb v/v			05/23/14 12:04	1
cis-1,2-Dichloroethene	ND		0.20		ppb v/v			05/23/14 12:04	1
m-Xylene & p-Xylene	ND		0.20		ppb v/v			05/23/14 12:04	1
Vinyl chloride	ND		0.20		ppb v/v			05/23/14 12:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		60 - 140		05/23/14 12:04	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 140-1254/1002

Matrix: Air

Analysis Batch: 1254

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	2.00	2.28		ppb v/v		114	70 - 130
Tetrachloroethene	2.00	2.08		ppb v/v		104	70 - 130
1,2-Dichloroethane	2.00	2.10		ppb v/v		105	70 - 130
1,1,2-Trichloroethane	2.00	2.25		ppb v/v		112	70 - 130
Methylene Chloride	2.00	2.45		ppb v/v		122	70 - 130
1,2,4-Trimethylbenzene	2.00	2.13		ppb v/v		107	70 - 130
Toluene	2.00	2.24		ppb v/v		112	70 - 130
o-Xylene	2.00	2.25		ppb v/v		112	70 - 130
trans-1,2-Dichloroethene	2.00	2.17		ppb v/v		109	70 - 130
1,1-Dichloroethene	2.00	2.54		ppb v/v		127	70 - 130
Trichloroethene	2.00	2.13		ppb v/v		107	70 - 130
Ethylbenzene	2.00	2.29		ppb v/v		115	70 - 130
Xylenes, Total	6.00	6.75		ppb v/v		112	70 - 130
cis-1,2-Dichloroethene	2.00	2.45		ppb v/v		123	70 - 130
m-Xylene & p-Xylene	4.00	4.50		ppb v/v		113	70 - 130
Vinyl chloride	2.00	2.16		ppb v/v		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		60 - 140

## Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-130475/1-A

Matrix: Solid

Analysis Batch: 130613

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 130475

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.0		mg/Kg		05/13/14 12:00	05/14/14 19:12	1
Chromium	ND		0.50		mg/Kg		05/13/14 12:00	05/14/14 19:12	1
Lead	ND		0.30		mg/Kg		05/13/14 12:00	05/14/14 19:12	1

Lab Sample ID: LCS 240-130475/2-A

Matrix: Solid

Analysis Batch: 130613

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 130475

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	200	194		mg/Kg		97	80 - 120
Chromium	20.0	18.3		mg/Kg		92	80 - 120
Lead	50.0	48.1		mg/Kg		96	80 - 120

Lab Sample ID: 240-37110-18 MS

Matrix: Solid

Analysis Batch: 130613

Client Sample ID: SD-12-2014-S

Prep Type: Total/NA

Prep Batch: 130475

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		229	217		mg/Kg	*	95	75 - 125
Chromium	1.2		22.9	22.6		mg/Kg	*	93	75 - 125
Lead	1.3		57.2	54.9		mg/Kg	*	94	75 - 125

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 240-37110-18 MSD

Matrix: Solid

Analysis Batch: 130613

Client Sample ID: SD-12-2014-S

Prep Type: Total/NA

Prep Batch: 130475

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
Arsenic	ND		229	213		mg/Kg	⊛	93	75 - 125	2	20	
Chromium	1.2		22.9	22.5		mg/Kg	⊛	93	75 - 125	1	20	
Lead	1.3		57.2	54.2		mg/Kg	⊛	93	75 - 125	1	20	

Lab Sample ID: MB 240-129760/1-A

Matrix: Water

Analysis Batch: 130170

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 129760

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 17:03	1	
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 17:03	1	
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 17:03	1	

Lab Sample ID: LCS 240-129760/2-A

Matrix: Water

Analysis Batch: 130170

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 129760

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
Arsenic	2000	2150		ug/L		107	80 - 120	
Chromium	200	195		ug/L		97	80 - 120	
Lead	500	543		ug/L		109	80 - 120	

Lab Sample ID: 240-36960-5 MS

Matrix: Water

Analysis Batch: 130170

Client Sample ID: MW-50-2014-S

Prep Type: Total Recoverable

Prep Batch: 129760

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier		Result	Qualifier				Limits	RPD
Arsenic	ND		2000	2090		ug/L		105	75 - 125	
Chromium	ND		200	193		ug/L		97	75 - 125	
Lead	ND		500	524		ug/L		105	75 - 125	

Lab Sample ID: 240-36960-5 MSD

Matrix: Water

Analysis Batch: 130170

Client Sample ID: MW-50-2014-S

Prep Type: Total Recoverable

Prep Batch: 129760

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
Arsenic	ND		2000	2080		ug/L		104	75 - 125	1	20	
Chromium	ND		200	194		ug/L		97	75 - 125	0	20	
Lead	ND		500	514		ug/L		103	75 - 125	2	20	

Lab Sample ID: MB 240-129934/1-A

Matrix: Water

Analysis Batch: 130377

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 129934

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 19:41	1	
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 19:41	1	
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 19:41	1	

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 240-129934/2-A**  
**Matrix: Water**  
**Analysis Batch: 130377**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 129934**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
Arsenic	2000	1920		ug/L		96	80 - 120	
Chromium	200	186		ug/L		93	80 - 120	
Lead	500	460		ug/L		92	80 - 120	

**Lab Sample ID: 240-37050-1 MS**  
**Matrix: Water**  
**Analysis Batch: 130377**

**Client Sample ID: MW-45-2014-S**  
**Prep Type: Total Recoverable**  
**Prep Batch: 129934**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.	
									Limits	
Arsenic	ND		2000	1940		ug/L		97	75 - 125	
Chromium	350		200	503		ug/L		79	75 - 125	
Lead	ND		500	451		ug/L		90	75 - 125	

**Lab Sample ID: 240-37050-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 130377**

**Client Sample ID: MW-45-2014-S**  
**Prep Type: Total Recoverable**  
**Prep Batch: 129934**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.		RPD	
									Limits		RPD	Limit
Arsenic	ND		2000	1940		ug/L		97	75 - 125	0	20	
Chromium	350		200	503		ug/L		79	75 - 125	0	20	
Lead	ND		500	450		ug/L		90	75 - 125	0	20	

**Lab Sample ID: MB 240-130620/1-A**  
**Matrix: Water**  
**Analysis Batch: 130788**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 130620**

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 12:55	1	
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 12:55	1	
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 12:55	1	

**Lab Sample ID: LCS 240-130620/2-A**  
**Matrix: Water**  
**Analysis Batch: 130788**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 130620**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
Arsenic	2000	1940		ug/L		97	80 - 120	
Chromium	200	191		ug/L		96	80 - 120	
Lead	500	464		ug/L		93	80 - 120	

**Lab Sample ID: 240-37219-6 MS**  
**Matrix: Water**  
**Analysis Batch: 130788**

**Client Sample ID: MW-5-2014-S**  
**Prep Type: Total Recoverable**  
**Prep Batch: 130620**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.	
									Limits	
Arsenic	ND		2000	1960		ug/L		98	75 - 125	
Chromium	ND		200	190		ug/L		95	75 - 125	
Lead	ND		500	457		ug/L		91	75 - 125	

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 240-37219-6 MSD

Matrix: Water

Analysis Batch: 130788

Client Sample ID: MW-5-2014-S

Prep Type: Total Recoverable

Prep Batch: 130620

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
Arsenic	ND		2000	1940		ug/L		97	75 - 125	1	20	
Chromium	ND		200	189		ug/L		95	75 - 125	1	20	
Lead	ND		500	452		ug/L		90	75 - 125	1	20	

Lab Sample ID: MB 240-130639/1-A

Matrix: Water

Analysis Batch: 130788

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 130639

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 08:58	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 08:58	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 08:58	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 08:58	1

Lab Sample ID: LCS 240-130639/2-A

Matrix: Water

Analysis Batch: 130788

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 130639

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
Arsenic	2000	1940		ug/L		97	80 - 120	
Chromium	200	192		ug/L		96	80 - 120	
Lead	500	467		ug/L		93	80 - 120	
Selenium	2000	2010		ug/L		101	80 - 120	

Lab Sample ID: 240-37135-1 MS

Matrix: Water

Analysis Batch: 130788

Client Sample ID: RT-5-2014-S

Prep Type: Total Recoverable

Prep Batch: 130639

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec.	
				Result	Qualifier				Limits	RPD
Arsenic	ND		2000	1960		ug/L		98	75 - 125	
Chromium	33		200	221		ug/L		94	75 - 125	
Lead	3.4		500	460		ug/L		91	75 - 125	
Selenium	ND		2000	2080		ug/L		104	75 - 125	

Lab Sample ID: 240-37135-1 MSD

Matrix: Water

Analysis Batch: 130788

Client Sample ID: RT-5-2014-S

Prep Type: Total Recoverable

Prep Batch: 130639

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
Arsenic	ND		2000	1930		ug/L		96	75 - 125	2	20	
Chromium	33		200	220		ug/L		93	75 - 125	1	20	
Lead	3.4		500	451		ug/L		90	75 - 125	2	20	
Selenium	ND		2000	2040		ug/L		102	75 - 125	2	20	

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 240-37135-9 MS  
Matrix: Water  
Analysis Batch: 130788

Client Sample ID: SW-12-2014-S  
Prep Type: Total Recoverable  
Prep Batch: 130639

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		2000	2010		ug/L		100	75 - 125
Chromium	ND		200	195		ug/L		97	75 - 125
Lead	ND		500	470		ug/L		94	75 - 125

Lab Sample ID: 240-37135-9 MSD  
Matrix: Water  
Analysis Batch: 130788

Client Sample ID: SW-12-2014-S  
Prep Type: Total Recoverable  
Prep Batch: 130639

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		2000	2020		ug/L		101	75 - 125	1	20
Chromium	ND		200	197		ug/L		98	75 - 125	1	20
Lead	ND		500	473		ug/L		95	75 - 125	1	20

## Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-129660/23  
Matrix: Water  
Analysis Batch: 129660

Client Sample ID: Method Blank  
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	^	0.020		mg/L			05/07/14 11:48	1

Lab Sample ID: MB 240-129660/3  
Matrix: Water  
Analysis Batch: 129660

Client Sample ID: Method Blank  
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/07/14 11:08	1

Lab Sample ID: LCS 240-129660/24  
Matrix: Water  
Analysis Batch: 129660

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.279	^	mg/L		112	80 - 118

Lab Sample ID: LCS 240-129660/4  
Matrix: Water  
Analysis Batch: 129660

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.286		mg/L		114	80 - 118

Lab Sample ID: 240-36960-5 MS  
Matrix: Water  
Analysis Batch: 129660

Client Sample ID: MW-50-2014-S  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	ND	^	0.250	0.196	^	mg/L		78	41 - 136

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 7196A - Chromium, Hexavalent (Continued)

**Lab Sample ID: 240-36960-5 MSD**  
**Matrix: Water**  
**Analysis Batch: 129660**

**Client Sample ID: MW-50-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	ND	^	0.250	0.197	^	mg/L		79	41 - 136	1	20

**Lab Sample ID: MB 240-129831/3**  
**Matrix: Water**  
**Analysis Batch: 129831**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

**Lab Sample ID: 240-37050-7 MS**  
**Matrix: Water**  
**Analysis Batch: 129831**

**Client Sample ID: MW-12-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	ND		0.250	0.0900	F1	mg/L		34	41 - 136

**Lab Sample ID: 240-37050-7 MSD**  
**Matrix: Water**  
**Analysis Batch: 129831**

**Client Sample ID: MW-12-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	ND		0.250	0.101	F1	mg/L		39	41 - 136	11	20

**Lab Sample ID: MB 240-129983/3**  
**Matrix: Water**  
**Analysis Batch: 129983**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:07	1

**Lab Sample ID: LCS 240-129983/4**  
**Matrix: Water**  
**Analysis Batch: 129983**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.274		mg/L		110	80 - 118

**Lab Sample ID: 240-37110-1 MS**  
**Matrix: Water**  
**Analysis Batch: 129983**

**Client Sample ID: RT-5-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.20		0.250	0.191	F1	mg/L		-5	41 - 136

**Lab Sample ID: 240-37110-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 129983**

**Client Sample ID: RT-5-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	0.20		0.250	0.193	F1	mg/L		-4	41 - 136	1	20

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Lab Sample ID: 240-37110-9 MS**  
**Matrix: Water**  
**Analysis Batch: 129983**

**Client Sample ID: SW-12-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	ND		0.250	0.259		mg/L		104	41 - 136

**Lab Sample ID: 240-37110-9 MSD**  
**Matrix: Water**  
**Analysis Batch: 129983**

**Client Sample ID: SW-12-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Cr (VI)	ND		0.250	0.256		mg/L		103	41 - 136	1	20

**Lab Sample ID: MB 240-130135/3**  
**Matrix: Water**  
**Analysis Batch: 130135**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/10/14 11:55	1

**Lab Sample ID: LCS 240-130135/4**  
**Matrix: Water**  
**Analysis Batch: 130135**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.263		mg/L		105	80 - 118

**Lab Sample ID: 240-37219-6 MS**  
**Matrix: Water**  
**Analysis Batch: 130135**

**Client Sample ID: MW-5-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	ND		0.250	0.222		mg/L		89	41 - 136

**Lab Sample ID: 240-37219-6 MSD**  
**Matrix: Water**  
**Analysis Batch: 130135**

**Client Sample ID: MW-5-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Cr (VI)	ND		0.250	0.238		mg/L		95	41 - 136	7	20

**Lab Sample ID: MB 240-130423/3**  
**Matrix: Water**  
**Analysis Batch: 130423**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 00:58	1

**Lab Sample ID: LCS 240-130423/4**  
**Matrix: Water**  
**Analysis Batch: 130423**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.285		mg/L		114	80 - 118

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 7196A - Chromium, Hexavalent (Continued)

**Lab Sample ID: 240-37266-1 MS**

**Matrix: Water**

**Analysis Batch: 130423**

**Client Sample ID: MW-8-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	ND		0.250	0.302		mg/L		121	41 - 136

**Lab Sample ID: 240-37266-1 MSD**

**Matrix: Water**

**Analysis Batch: 130423**

**Client Sample ID: MW-8-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	ND		0.250	0.338		mg/L		135	41 - 136	11	20

**Lab Sample ID: MB 240-130601/9-A**

**Matrix: Solid**

**Analysis Batch: 131224**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 130601**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.80		mg/Kg		05/14/14 09:42	05/16/14 00:00	1

**Lab Sample ID: LCS I 240-130601/30-A**

**Matrix: Solid**

**Analysis Batch: 131224**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 130601**

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	643	633		mg/Kg		98	75 - 125

**Lab Sample ID: LCSS 240-130601/10-A**

**Matrix: Solid**

**Analysis Batch: 131224**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 130601**

Analyte	Spike Added	LCSS Result	LCSS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	20.0	21.1		mg/Kg		106	90 - 110

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## GC/MS VOA

### Analysis Batch: 130511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-1	MW-59-2014-S	Total/NA	Water	8260B	
240-36960-2	MW-58-2014-S	Total/NA	Water	8260B	
240-36960-3	MW-57-2014-S	Total/NA	Water	8260B	
240-36960-4	FD-01-2014-S	Total/NA	Water	8260B	
240-36960-6	MW-14-2014-S	Total/NA	Water	8260B	
240-36960-7	MW-49-2014-S	Total/NA	Water	8260B	
240-36960-8	MW-44-2014-S	Total/NA	Water	8260B	
240-36960-9	MW-43-2014-S	Total/NA	Water	8260B	
240-36960-10	MW-55-2014-S	Total/NA	Water	8260B	
240-36960-11	MW-41-2014-S	Total/NA	Water	8260B	
240-36960-12	MW-56-2014-S	Total/NA	Water	8260B	
240-36960-13	MW-42-2014-S	Total/NA	Water	8260B	
LCS 240-130511/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-130511/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 130596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-2	MW-46-2014-S	Total/NA	Water	8260B	
LCS 240-130596/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-130596/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 130697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-5	MW-50-2014-S	Total/NA	Water	8260B	
240-36960-5 MS	MW-50-2014-S	Total/NA	Water	8260B	
240-36960-5 MSD	MW-50-2014-S	Total/NA	Water	8260B	
240-36960-14	EB-101-GW	Total/NA	Water	8260B	
240-36960-15	TB-101-2014S	Total/NA	Water	8260B	
LCS 240-130697/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-130697/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 130825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-15	SD-17-2014-S	Total/NA	Solid	8260A	130840
240-37154-16	SD-9-2014-S	Total/NA	Solid	8260A	130840
240-37154-17	SD-4-2014-S	Total/NA	Solid	8260A	130840
240-37154-19	SD-7-2014-S	Total/NA	Solid	8260A	130840
240-37154-20	FD-04-SD-2014-S	Total/NA	Solid	8260A	130840
LCS 240-130825/5	Lab Control Sample	Total/NA	Solid	8260A	
MB 240-130825/6	Method Blank	Total/NA	Solid	8260A	

### Prep Batch: 130840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-15	SD-17-2014-S	Total/NA	Solid	5030B	
240-37154-16	SD-9-2014-S	Total/NA	Solid	5030B	
240-37154-17	SD-4-2014-S	Total/NA	Solid	5030B	
240-37154-19	SD-7-2014-S	Total/NA	Solid	5030B	
240-37154-20	FD-04-SD-2014-S	Total/NA	Solid	5030B	

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# QC Association Summary

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## GC/MS VOA (Continued)

### Analysis Batch: 130942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-1	MW-45-2014-S	Total/NA	Water	8260B	
240-37050-5	MW-51-2014-S	Total/NA	Water	8260B	
240-37050-6	MW-52-2014-S	Total/NA	Water	8260B	
240-37050-7	MW-12-2014-S	Total/NA	Water	8260B	
240-37050-9	EB-201-2014-S	Total/NA	Water	8260B	
240-37050-10	TB-201-2014S	Total/NA	Water	8260B	
LCS 240-130942/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-130942/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 130966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-18	SD-12-2014-S	Total/NA	Solid	8260A	130998
240-37154-18 MS	SD-12-2014-S	Total/NA	Solid	8260A	130998
240-37154-18 MSD	SD-12-2014-S	Total/NA	Solid	8260A	130998
LCS 240-130966/5	Lab Control Sample	Total/NA	Solid	8260A	
MB 240-130966/6	Method Blank	Total/NA	Solid	8260A	

### Prep Batch: 130998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-18	SD-12-2014-S	Total/NA	Solid	5030B	
240-37154-18 MS	SD-12-2014-S	Total/NA	Solid	5030B	
240-37154-18 MSD	SD-12-2014-S	Total/NA	Solid	5030B	

### Analysis Batch: 131072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-1	RT-5-2014-S	Total/NA	Water	8260B	
240-37154-1 MS	RT-5-2014-S	Total/NA	Water	8260B	
240-37154-1 MSD	RT-5-2014-S	Total/NA	Water	8260B	
240-37154-2	RT-4-2014-S	Total/NA	Water	8260B	
240-37154-4	RT-1-2014-S	Total/NA	Water	8260B	
240-37154-6	EB-301-GW	Total/NA	Water	8260B	
240-37154-7	SW-17-2014-S	Total/NA	Water	8260B	
240-37154-8	SW-9-2014-S	Total/NA	Water	8260B	
240-37154-9	SW-19-2014-S	Total/NA	Water	8260B	
240-37154-11	SW-22-2014-S	Total/NA	Water	8260B	
240-37154-12	FD-03-SW-2014-S	Total/NA	Water	8260B	
LCS 240-131072/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131072/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-1	MW-8-2014-S	Total/NA	Water	8260B	
240-37266-2	MW-23-2014-S	Total/NA	Water	8260B	
240-37266-3	MW-13-2014-S	Total/NA	Water	8260B	
240-37266-4	MW-16-2014-S	Total/NA	Water	8260B	
240-37266-5	EB-501-2014-S	Total/NA	Water	8260B	
240-37266-6	MW-54-2014-S	Total/NA	Water	8260B	
LCS 240-131079/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131079/6	Method Blank	Total/NA	Water	8260B	

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# QC Association Summary

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## GC/MS VOA (Continued)

### Analysis Batch: 131080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-8	MW-9-2014-S	Total/NA	Water	8260B	
240-37266-9	TB-501-2014S	Total/NA	Water	8260B	
LCS 240-131080/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131080/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-3	RT-2-2014-S	Total/NA	Water	8260B	
LCS 240-131131/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131131/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-7	MW-10-2014-S	Total/NA	Water	8260B	
LCS 240-131184/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131184/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-10	SW-12-2014-S	Total/NA	Water	8260B	
240-37154-10 MS	SW-12-2014-S	Total/NA	Water	8260B	
240-37154-10 MSD	SW-12-2014-S	Total/NA	Water	8260B	
240-37154-14	EB-302-SW	Total/NA	Water	8260B	
240-37154-21	EB-303-SD	Total/NA	Water	8260B	
LCS 240-131196/3	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131196/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-5	FD-02-2014-S	Total/NA	Water	8260B	
LCS 240-131333/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131333/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-13	TB-301-2014S	Total/NA	Water	8260B	
LCS 240-131335/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131335/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37219-1	MW-11-2014-S	Total/NA	Water	8260B	
240-37219-1 MS	MW-11-2014-S	Total/NA	Water	8260B	
240-37219-1 MSD	MW-11-2014-S	Total/NA	Water	8260B	
240-37219-2	MW-7-2014-S	Total/NA	Water	8260B	
240-37219-3	MW-25-2014-S	Total/NA	Water	8260B	
240-37219-4	MW-53-2014-S	Total/NA	Water	8260B	
240-37219-5	EB-401-2014-S	Total/NA	Water	8260B	
240-37219-6	MW-5-2014-S	Total/NA	Water	8260B	
240-37219-7	TB-401-2014S	Total/NA	Water	8260B	
LCS 240-131365/3	Lab Control Sample	Total/NA	Water	8260B	

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# QC Association Summary

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## GC/MS VOA (Continued)

### Analysis Batch: 131365 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-131365/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-8	MW-20-2014-S	Total/NA	Water	8260B	
LCS 240-131531/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131531/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37489-2	FD-601-051514	Total/NA	Water	8260B	
240-37489-3	VP-101-051514	Total/NA	Water	8260B	
LCS 240-131760/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131760/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37489-11	MW-48-2014-SR	Total/NA	Water	8260B	
LCS 240-131939/3	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131939/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37489-10	VP-114-051514	Total/NA	Water	8260B	
240-37489-10 MS	VP-114-051514	Total/NA	Water	8260B	
240-37489-10 MSD	VP-114-051514	Total/NA	Water	8260B	
LCS 240-131983/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131983/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 132099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37489-1	EB-601-051514	Total/NA	Water	8260B	
240-37489-4	VP-103-051514	Total/NA	Water	8260B	
240-37489-5	VP-108-051514	Total/NA	Water	8260B	
240-37489-6	VP-107-051514	Total/NA	Water	8260B	
240-37489-7	VP-110-051514	Total/NA	Water	8260B	
240-37489-8	VP-106-051514	Total/NA	Water	8260B	
240-37489-9	VP-112-051514	Total/NA	Water	8260B	
240-37489-12	MW-47-2014-SR	Total/NA	Water	8260B	
LCS 240-132099/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-132099/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 132266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37489-13	TB-701-2014SR	Total/NA	Water	8260B	
LCS 240-132266/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-132266/5	Method Blank	Total/NA	Water	8260B	

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## GC/MS Semi VOA

### Prep Batch: 130133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-1	RT-5-2014-S	Total/NA	Water	3510C	
240-37135-1 MS	RT-5-2014-S	Total/NA	Water	3510C	
240-37135-1 MSD	RT-5-2014-S	Total/NA	Water	3510C	
240-37135-2	RT-4-2014-S	Total/NA	Water	3510C	

### Prep Batch: 130175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-3	RT-2-2014-S	Total/NA	Water	3510C	
240-37135-5	FD-02-2014-S	Total/NA	Water	3510C	
240-37135-12	EB-301-GW	Total/NA	Water	3510C	

### Prep Batch: 130584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-2	MW-23-2014-S	Total/NA	Water	3510C	
240-37266-5	EB-501-2014-S	Total/NA	Water	3510C	
LCS 240-130584/21-A	Lab Control Sample	Total/NA	Water	3510C	
MB 240-130584/20-A	Method Blank	Total/NA	Water	3510C	

### Analysis Batch: 131276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-130584/21-A	Lab Control Sample	Total/NA	Water	8270C	130584
MB 240-130584/20-A	Method Blank	Total/NA	Water	8270C	130584

### Analysis Batch: 131455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-1	RT-5-2014-S	Total/NA	Water	8270C	130133
240-37135-1 MS	RT-5-2014-S	Total/NA	Water	8270C	130133
240-37135-1 MSD	RT-5-2014-S	Total/NA	Water	8270C	130133
240-37135-2	RT-4-2014-S	Total/NA	Water	8270C	130133
240-37135-3	RT-2-2014-S	Total/NA	Water	8270C	130175
240-37135-5	FD-02-2014-S	Total/NA	Water	8270C	130175
240-37135-12	EB-301-GW	Total/NA	Water	8270C	130175
240-37266-2	MW-23-2014-S	Total/NA	Water	8270C	130584
240-37266-5	EB-501-2014-S	Total/NA	Water	8270C	130584

## Air - GC/MS VOA

### Analysis Batch: 1246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37510-1	VP-3-051114	Total/NA	Air	TO-15	
240-37510-3	VP-107-051414	Total/NA	Air	TO-15	
LCS 140-1246/1002	Lab Control Sample	Total/NA	Air	TO-15	
MB 140-1246/5	Method Blank	Total/NA	Air	TO-15	

### Analysis Batch: 1254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37510-2	VP-11-051114	Total/NA	Air	TO-15	
240-37510-4	VP-110-051414	Total/NA	Air	TO-15	
240-37510-5	VP-106-051414	Total/NA	Air	TO-15	
240-37510-6	VP-108-051414	Total/NA	Air	TO-15	

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# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Air - GC/MS VOA (Continued)

### Analysis Batch: 1254 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37510-7	FD-101-051414	Total/NA	Air	TO-15	
240-37510-8	VP-114-051414	Total/NA	Air	TO-15	
240-37510-9	AB-101-051414	Total/NA	Air	TO-15	
240-37510-10	TB-101-051414	Total/NA	Air	TO-15	
LCS 140-1254/1002	Lab Control Sample	Total/NA	Air	TO-15	
MB 140-1254/4	Method Blank	Total/NA	Air	TO-15	

## Metals

### Prep Batch: 129760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-1	MW-59-2014-S	Total Recoverable	Water	3005A	
240-36960-2	MW-58-2014-S	Total Recoverable	Water	3005A	
240-36960-3	MW-57-2014-S	Total Recoverable	Water	3005A	
240-36960-4	FD-01-2014-S	Total Recoverable	Water	3005A	
240-36960-5	MW-50-2014-S	Total Recoverable	Water	3005A	
240-36960-5 MS	MW-50-2014-S	Total Recoverable	Water	3005A	
240-36960-5 MSD	MW-50-2014-S	Total Recoverable	Water	3005A	
240-36960-6	MW-14-2014-S	Total Recoverable	Water	3005A	
240-36960-7	MW-49-2014-S	Total Recoverable	Water	3005A	
240-36960-8	MW-44-2014-S	Total Recoverable	Water	3005A	
240-36960-9	MW-43-2014-S	Total Recoverable	Water	3005A	
240-36960-10	MW-55-2014-S	Total Recoverable	Water	3005A	
240-36960-11	MW-41-2014-S	Total Recoverable	Water	3005A	
240-36960-12	MW-56-2014-S	Total Recoverable	Water	3005A	
240-36960-13	MW-42-2014-S	Total Recoverable	Water	3005A	
240-36960-14	EB-101-GW	Total Recoverable	Water	3005A	
LCS 240-129760/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-129760/1-A	Method Blank	Total Recoverable	Water	3005A	

### Prep Batch: 129934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-1	MW-45-2014-S	Total Recoverable	Water	3005A	
240-37050-1 MS	MW-45-2014-S	Total Recoverable	Water	3005A	
240-37050-1 MSD	MW-45-2014-S	Total Recoverable	Water	3005A	
240-37050-2	MW-46-2014-S	Total Recoverable	Water	3005A	
240-37050-3	MW-47-2014-S	Total Recoverable	Water	3005A	
240-37050-4	MW-48-2014-S	Total Recoverable	Water	3005A	
240-37050-5	MW-51-2014-S	Total Recoverable	Water	3005A	
240-37050-6	MW-52-2014-S	Total Recoverable	Water	3005A	
240-37050-7	MW-12-2014-S	Total Recoverable	Water	3005A	
240-37050-8	MW-20-2014-S	Total Recoverable	Water	3005A	
240-37050-9	EB-201-2014-S	Total Recoverable	Water	3005A	
LCS 240-129934/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-129934/1-A	Method Blank	Total Recoverable	Water	3005A	

### Analysis Batch: 130170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-1	MW-59-2014-S	Total Recoverable	Water	6010B	129760
240-36960-2	MW-58-2014-S	Total Recoverable	Water	6010B	129760

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# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Metals (Continued)

### Analysis Batch: 130170 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-3	MW-57-2014-S	Total Recoverable	Water	6010B	129760
240-36960-4	FD-01-2014-S	Total Recoverable	Water	6010B	129760
240-36960-5	MW-50-2014-S	Total Recoverable	Water	6010B	129760
240-36960-5 MS	MW-50-2014-S	Total Recoverable	Water	6010B	129760
240-36960-5 MSD	MW-50-2014-S	Total Recoverable	Water	6010B	129760
240-36960-6	MW-14-2014-S	Total Recoverable	Water	6010B	129760
240-36960-7	MW-49-2014-S	Total Recoverable	Water	6010B	129760
240-36960-8	MW-44-2014-S	Total Recoverable	Water	6010B	129760
240-36960-9	MW-43-2014-S	Total Recoverable	Water	6010B	129760
240-36960-10	MW-55-2014-S	Total Recoverable	Water	6010B	129760
240-36960-11	MW-41-2014-S	Total Recoverable	Water	6010B	129760
240-36960-12	MW-56-2014-S	Total Recoverable	Water	6010B	129760
240-36960-13	MW-42-2014-S	Total Recoverable	Water	6010B	129760
240-36960-14	EB-101-GW	Total Recoverable	Water	6010B	129760
LCS 240-129760/2-A	Lab Control Sample	Total Recoverable	Water	6010B	129760
MB 240-129760/1-A	Method Blank	Total Recoverable	Water	6010B	129760

### Analysis Batch: 130377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-1	MW-45-2014-S	Total Recoverable	Water	6010B	129934
240-37050-1 MS	MW-45-2014-S	Total Recoverable	Water	6010B	129934
240-37050-1 MSD	MW-45-2014-S	Total Recoverable	Water	6010B	129934
240-37050-2	MW-46-2014-S	Total Recoverable	Water	6010B	129934
240-37050-3	MW-47-2014-S	Total Recoverable	Water	6010B	129934
240-37050-4	MW-48-2014-S	Total Recoverable	Water	6010B	129934
240-37050-5	MW-51-2014-S	Total Recoverable	Water	6010B	129934
240-37050-6	MW-52-2014-S	Total Recoverable	Water	6010B	129934
240-37050-7	MW-12-2014-S	Total Recoverable	Water	6010B	129934
240-37050-8	MW-20-2014-S	Total Recoverable	Water	6010B	129934
240-37050-9	EB-201-2014-S	Total Recoverable	Water	6010B	129934
LCS 240-129934/2-A	Lab Control Sample	Total Recoverable	Water	6010B	129934
MB 240-129934/1-A	Method Blank	Total Recoverable	Water	6010B	129934

### Prep Batch: 130475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-15	SD-17-2014-S	Total/NA	Solid	3050B	
240-37110-16	SD-9-2014-S	Total/NA	Solid	3050B	
240-37110-17	SD-4-2014-S	Total/NA	Solid	3050B	
240-37110-18	SD-12-2014-S	Total/NA	Solid	3050B	
240-37110-18 MS	SD-12-2014-S	Total/NA	Solid	3050B	
240-37110-18 MSD	SD-12-2014-S	Total/NA	Solid	3050B	
240-37110-19	SD-7-2014-S	Total/NA	Solid	3050B	
240-37110-20	FD-04-SD-2014S	Total/NA	Solid	3050B	
LCS 240-130475/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-130475/1-A	Method Blank	Total/NA	Solid	3050B	

### Analysis Batch: 130613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-15	SD-17-2014-S	Total/NA	Solid	6010B	130475
240-37110-16	SD-9-2014-S	Total/NA	Solid	6010B	130475
240-37110-17	SD-4-2014-S	Total/NA	Solid	6010B	130475

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# QC Association Summary

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Metals (Continued)

### Analysis Batch: 130613 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-18	SD-12-2014-S	Total/NA	Solid	6010B	130475
240-37110-18 MS	SD-12-2014-S	Total/NA	Solid	6010B	130475
240-37110-18 MSD	SD-12-2014-S	Total/NA	Solid	6010B	130475
240-37110-19	SD-7-2014-S	Total/NA	Solid	6010B	130475
240-37110-20	FD-04-SD-2014S	Total/NA	Solid	6010B	130475
LCS 240-130475/2-A	Lab Control Sample	Total/NA	Solid	6010B	130475
MB 240-130475/1-A	Method Blank	Total/NA	Solid	6010B	130475

### Prep Batch: 130620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37219-1	MW-11-2014-S	Total Recoverable	Water	3005A	
240-37219-2	MW-7-2014-S	Total Recoverable	Water	3005A	
240-37219-3	MW-25-2014-S	Total Recoverable	Water	3005A	
240-37219-4	MW-53-2014-S	Total Recoverable	Water	3005A	
240-37219-5	EB-401-2014-S	Total Recoverable	Water	3005A	
240-37219-6	MW-5-2014-S	Total Recoverable	Water	3005A	
240-37219-6 MS	MW-5-2014-S	Total Recoverable	Water	3005A	
240-37219-6 MSD	MW-5-2014-S	Total Recoverable	Water	3005A	
240-37266-1	MW-8-2014-S	Total Recoverable	Water	3005A	
240-37266-2	MW-23-2014-S	Total Recoverable	Water	3005A	
240-37266-3	MW-13-2014-S	Total Recoverable	Water	3005A	
240-37266-4	MW-16-2014-S	Total Recoverable	Water	3005A	
240-37266-5	EB-501-2014-S	Total Recoverable	Water	3005A	
240-37266-6	MW-54-2014-S	Total Recoverable	Water	3005A	
240-37266-7	MW-10-2014-S	Total Recoverable	Water	3005A	
240-37266-8	MW-9-2014-S	Total Recoverable	Water	3005A	
LCS 240-130620/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-130620/1-A	Method Blank	Total Recoverable	Water	3005A	

### Prep Batch: 130639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-1	RT-5-2014-S	Total Recoverable	Water	3005A	
240-37135-1 MS	RT-5-2014-S	Total Recoverable	Water	3005A	
240-37135-1 MSD	RT-5-2014-S	Total Recoverable	Water	3005A	
240-37135-2	RT-4-2014-S	Total Recoverable	Water	3005A	
240-37135-3	RT-2-2014-S	Total Recoverable	Water	3005A	
240-37135-4	RT-1-2014-S	Total Recoverable	Water	3005A	
240-37135-5	FD-02-2014-S	Total Recoverable	Water	3005A	
240-37135-6	SW-17-2014-S	Total Recoverable	Water	3005A	
240-37135-7	SW-9-2014-S	Total Recoverable	Water	3005A	
240-37135-8	SW-19-2014-S	Total Recoverable	Water	3005A	
240-37135-9	SW-12-2014-S	Total Recoverable	Water	3005A	
240-37135-9 MS	SW-12-2014-S	Total Recoverable	Water	3005A	
240-37135-9 MSD	SW-12-2014-S	Total Recoverable	Water	3005A	
240-37135-10	SW-22-2014-S	Total Recoverable	Water	3005A	
240-37135-11	FD-03-SW-2014-S	Total Recoverable	Water	3005A	
240-37135-12	EB-301-GW	Total Recoverable	Water	3005A	
240-37135-13	EB-302-SW	Total Recoverable	Water	3005A	
240-37135-14	EB-303-SD	Total Recoverable	Water	3005A	
LCS 240-130639/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-130639/1-A	Method Blank	Total Recoverable	Water	3005A	

TestAmerica Canton

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Metals (Continued)

### Analysis Batch: 130788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-1	RT-5-2014-S	Total Recoverable	Water	6010B	130639
240-37135-1 MS	RT-5-2014-S	Total Recoverable	Water	6010B	130639
240-37135-1 MSD	RT-5-2014-S	Total Recoverable	Water	6010B	130639
240-37135-2	RT-4-2014-S	Total Recoverable	Water	6010B	130639
240-37135-3	RT-2-2014-S	Total Recoverable	Water	6010B	130639
240-37135-4	RT-1-2014-S	Total Recoverable	Water	6010B	130639
240-37135-6	SW-17-2014-S	Total Recoverable	Water	6010B	130639
240-37135-7	SW-9-2014-S	Total Recoverable	Water	6010B	130639
240-37135-8	SW-19-2014-S	Total Recoverable	Water	6010B	130639
240-37135-9	SW-12-2014-S	Total Recoverable	Water	6010B	130639
240-37135-9 MS	SW-12-2014-S	Total Recoverable	Water	6010B	130639
240-37135-9 MSD	SW-12-2014-S	Total Recoverable	Water	6010B	130639
240-37135-10	SW-22-2014-S	Total Recoverable	Water	6010B	130639
240-37135-11	FD-03-SW-2014-S	Total Recoverable	Water	6010B	130639
240-37135-12	EB-301-GW	Total Recoverable	Water	6010B	130639
240-37135-13	EB-302-SW	Total Recoverable	Water	6010B	130639
240-37135-14	EB-303-SD	Total Recoverable	Water	6010B	130639
240-37219-1	MW-11-2014-S	Total Recoverable	Water	6010B	130620
240-37219-2	MW-7-2014-S	Total Recoverable	Water	6010B	130620
240-37219-3	MW-25-2014-S	Total Recoverable	Water	6010B	130620
240-37219-4	MW-53-2014-S	Total Recoverable	Water	6010B	130620
240-37219-5	EB-401-2014-S	Total Recoverable	Water	6010B	130620
240-37219-6	MW-5-2014-S	Total Recoverable	Water	6010B	130620
240-37219-6 MS	MW-5-2014-S	Total Recoverable	Water	6010B	130620
240-37219-6 MSD	MW-5-2014-S	Total Recoverable	Water	6010B	130620
240-37266-1	MW-8-2014-S	Total Recoverable	Water	6010B	130620
240-37266-2	MW-23-2014-S	Total Recoverable	Water	6010B	130620
240-37266-3	MW-13-2014-S	Total Recoverable	Water	6010B	130620
240-37266-4	MW-16-2014-S	Total Recoverable	Water	6010B	130620
240-37266-5	EB-501-2014-S	Total Recoverable	Water	6010B	130620
240-37266-6	MW-54-2014-S	Total Recoverable	Water	6010B	130620
240-37266-7	MW-10-2014-S	Total Recoverable	Water	6010B	130620
240-37266-8	MW-9-2014-S	Total Recoverable	Water	6010B	130620
LCS 240-130620/2-A	Lab Control Sample	Total Recoverable	Water	6010B	130620
LCS 240-130639/2-A	Lab Control Sample	Total Recoverable	Water	6010B	130639
MB 240-130620/1-A	Method Blank	Total Recoverable	Water	6010B	130620
MB 240-130639/1-A	Method Blank	Total Recoverable	Water	6010B	130639

### Analysis Batch: 130983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-5	FD-02-2014-S	Total Recoverable	Water	6010B	130639

## General Chemistry

### Analysis Batch: 129660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-1	MW-59-2014-S	Total/NA	Water	7196A	
240-36960-2	MW-58-2014-S	Total/NA	Water	7196A	
240-36960-3	MW-57-2014-S	Total/NA	Water	7196A	
240-36960-4	FD-01-2014-S	Total/NA	Water	7196A	

TestAmerica Canton

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## General Chemistry (Continued)

### Analysis Batch: 129660 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-5	MW-50-2014-S	Total/NA	Water	7196A	
240-36960-5 MS	MW-50-2014-S	Total/NA	Water	7196A	
240-36960-5 MSD	MW-50-2014-S	Total/NA	Water	7196A	
240-36960-6	MW-14-2014-S	Total/NA	Water	7196A	
240-36960-7	MW-49-2014-S	Total/NA	Water	7196A	
240-36960-8	MW-44-2014-S	Total/NA	Water	7196A	
240-36960-9	MW-43-2014-S	Total/NA	Water	7196A	
240-36960-10	MW-55-2014-S	Total/NA	Water	7196A	
240-36960-11	MW-41-2014-S	Total/NA	Water	7196A	
240-36960-12	MW-56-2014-S	Total/NA	Water	7196A	
240-36960-13	MW-42-2014-S	Total/NA	Water	7196A	
240-36960-14	EB-101-GW	Total/NA	Water	7196A	
LCS 240-129660/24	Lab Control Sample	Total/NA	Water	7196A	
LCS 240-129660/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-129660/23	Method Blank	Total/NA	Water	7196A	
MB 240-129660/3	Method Blank	Total/NA	Water	7196A	

### Analysis Batch: 129831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-1	MW-45-2014-S	Total/NA	Water	7196A	
240-37050-2	MW-46-2014-S	Total/NA	Water	7196A	
240-37050-3	MW-47-2014-S	Total/NA	Water	7196A	
240-37050-4	MW-48-2014-S	Total/NA	Water	7196A	
240-37050-5	MW-51-2014-S	Total/NA	Water	7196A	
240-37050-6	MW-52-2014-S	Total/NA	Water	7196A	
240-37050-7	MW-12-2014-S	Total/NA	Water	7196A	
240-37050-7 MS	MW-12-2014-S	Total/NA	Water	7196A	
240-37050-7 MSD	MW-12-2014-S	Total/NA	Water	7196A	
240-37050-8	MW-20-2014-S	Total/NA	Water	7196A	
240-37050-9	EB-201-2014-S	Total/NA	Water	7196A	
LCS 240-129831/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-129831/3	Method Blank	Total/NA	Water	7196A	

### Analysis Batch: 129983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-1	RT-5-2014-S	Total/NA	Water	7196A	
240-37110-1 MS	RT-5-2014-S	Total/NA	Water	7196A	
240-37110-1 MSD	RT-5-2014-S	Total/NA	Water	7196A	
240-37110-2	RT-4-2014-S	Total/NA	Water	7196A	
240-37110-3	RT-2-2014-S	Total/NA	Water	7196A	
240-37110-4	RT-1-2014-S	Total/NA	Water	7196A	
240-37110-5	FD-02-2014-S	Total/NA	Water	7196A	
240-37110-6	SW-17-2014-S	Total/NA	Water	7196A	
240-37110-7	SW-9-2014-S	Total/NA	Water	7196A	
240-37110-8	SW-19-2014-S	Total/NA	Water	7196A	
240-37110-9	SW-12-2014-S	Total/NA	Water	7196A	
240-37110-9 MS	SW-12-2014-S	Total/NA	Water	7196A	
240-37110-9 MSD	SW-12-2014-S	Total/NA	Water	7196A	
240-37110-10	SW-22-2014-S	Total/NA	Water	7196A	
240-37110-11	FD-03-SN-2014S	Total/NA	Water	7196A	
240-37110-12	EB-301-GW	Total/NA	Water	7196A	

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# QC Association Summary

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## General Chemistry (Continued)

### Analysis Batch: 129983 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-13	EB-302-SW	Total/NA	Water	7196A	
240-37110-14	EB-303-SD	Total/NA	Water	7196A	
LCS 240-129983/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-129983/3	Method Blank	Total/NA	Water	7196A	

### Analysis Batch: 130135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37219-1	MW-11-2014-S	Total/NA	Water	7196A	
240-37219-2	MW-7-2014-S	Total/NA	Water	7196A	
240-37219-3	MW-25-2014-S	Total/NA	Water	7196A	
240-37219-4	MW-53-2014-S	Total/NA	Water	7196A	
240-37219-5	EB-401-2014-S	Total/NA	Water	7196A	
240-37219-6	MW-5-2014-S	Total/NA	Water	7196A	
240-37219-6 MS	MW-5-2014-S	Total/NA	Water	7196A	
240-37219-6 MSD	MW-5-2014-S	Total/NA	Water	7196A	
LCS 240-130135/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-130135/3	Method Blank	Total/NA	Water	7196A	

### Analysis Batch: 130212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-15	SD-17-2014-S	Total/NA	Solid	Moisture	
240-37110-16	SD-9-2014-S	Total/NA	Solid	Moisture	
240-37110-17	SD-4-2014-S	Total/NA	Solid	Moisture	
240-37110-18	SD-12-2014-S	Total/NA	Solid	Moisture	
240-37110-18 DU	SD-12-2014-S	Total/NA	Solid	Moisture	
240-37110-19	SD-7-2014-S	Total/NA	Solid	Moisture	
240-37110-20	FD-04-SD-2014S	Total/NA	Solid	Moisture	
240-37154-15	SD-17-2014-S	Total/NA	Solid	Moisture	
240-37154-16	SD-9-2014-S	Total/NA	Solid	Moisture	
240-37154-17	SD-4-2014-S	Total/NA	Solid	Moisture	
240-37154-18	SD-12-2014-S	Total/NA	Solid	Moisture	
240-37154-18 DU	SD-12-2014-S	Total/NA	Solid	Moisture	
240-37154-19	SD-7-2014-S	Total/NA	Solid	Moisture	
240-37154-20	FD-04-SD-2014-S	Total/NA	Solid	Moisture	

### Analysis Batch: 130423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-1	MW-8-2014-S	Total/NA	Water	7196A	
240-37266-1 MS	MW-8-2014-S	Total/NA	Water	7196A	
240-37266-1 MSD	MW-8-2014-S	Total/NA	Water	7196A	
240-37266-2	MW-23-2014-S	Total/NA	Water	7196A	
240-37266-3	MW-13-2014-S	Total/NA	Water	7196A	
240-37266-4	MW-16-2014-S	Total/NA	Water	7196A	
240-37266-5	EB-501-2014-S	Total/NA	Water	7196A	
240-37266-6	MW-54-2014-S	Total/NA	Water	7196A	
240-37266-7	MW-10-2014-S	Total/NA	Water	7196A	
240-37266-8	MW-9-2014-S	Total/NA	Water	7196A	
LCS 240-130423/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-130423/3	Method Blank	Total/NA	Water	7196A	

# QC Association Summary

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## General Chemistry (Continued)

### Prep Batch: 130601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-15	SD-17-2014-S	Total/NA	Solid	3060A	
240-37110-16	SD-9-2014-S	Total/NA	Solid	3060A	
240-37110-17	SD-4-2014-S	Total/NA	Solid	3060A	
240-37110-18	SD-12-2014-S	Total/NA	Solid	3060A	
240-37110-19	SD-7-2014-S	Total/NA	Solid	3060A	
240-37110-20	FD-04-SD-2014S	Total/NA	Solid	3060A	
LCSI 240-130601/30-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSS 240-130601/10-A	Lab Control Sample	Total/NA	Solid	3060A	
MB 240-130601/9-A	Method Blank	Total/NA	Solid	3060A	

### Analysis Batch: 131224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-15	SD-17-2014-S	Total/NA	Solid	7196A	130601
240-37110-16	SD-9-2014-S	Total/NA	Solid	7196A	130601
240-37110-17	SD-4-2014-S	Total/NA	Solid	7196A	130601
240-37110-18	SD-12-2014-S	Total/NA	Solid	7196A	130601
240-37110-19	SD-7-2014-S	Total/NA	Solid	7196A	130601
240-37110-20	FD-04-SD-2014S	Total/NA	Solid	7196A	130601
LCSI 240-130601/30-A	Lab Control Sample	Total/NA	Solid	7196A	130601
LCSS 240-130601/10-A	Lab Control Sample	Total/NA	Solid	7196A	130601
MB 240-130601/9-A	Method Blank	Total/NA	Solid	7196A	130601

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-59-2014-S

Lab Sample ID: 240-36960-1

Date Collected: 05/06/14 09:10

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130511	05/14/14 04:12	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 17:38	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 12:00	LCN	TAL CAN

## Client Sample ID: MW-58-2014-S

Lab Sample ID: 240-36960-2

Date Collected: 05/06/14 09:25

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130511	05/14/14 04:34	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 17:42	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 11:38	LCN	TAL CAN

## Client Sample ID: MW-57-2014-S

Lab Sample ID: 240-36960-3

Date Collected: 05/06/14 12:15

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.67	130511	05/14/14 04:57	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 17:46	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 11:58	LCN	TAL CAN

## Client Sample ID: FD-01-2014-S

Lab Sample ID: 240-36960-4

Date Collected: 05/06/14 10:00

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		6.67	130511	05/14/14 05:19	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 17:50	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 11:32	LCN	TAL CAN

## Client Sample ID: MW-50-2014-S

Lab Sample ID: 240-36960-5

Date Collected: 05/06/14 12:45

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130697	05/15/14 01:12	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN

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# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-50-2014-S**

**Lab Sample ID: 240-36960-5**

Date Collected: 05/06/14 12:45

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6010B		1	130170	05/09/14 17:11	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 11:52	LCN	TAL CAN

**Client Sample ID: MW-14-2014-S**

**Lab Sample ID: 240-36960-6**

Date Collected: 05/06/14 13:00

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		11.11	130511	05/14/14 05:41	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 17:54	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 11:34	LCN	TAL CAN

**Client Sample ID: MW-49-2014-S**

**Lab Sample ID: 240-36960-7**

Date Collected: 05/06/14 14:10

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		12.5	130511	05/14/14 06:03	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 17:58	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 11:42	LCN	TAL CAN

**Client Sample ID: MW-44-2014-S**

**Lab Sample ID: 240-36960-8**

Date Collected: 05/06/14 14:20

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	130511	05/14/14 06:26	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 18:02	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 12:06	LCN	TAL CAN

**Client Sample ID: MW-43-2014-S**

**Lab Sample ID: 240-36960-9**

Date Collected: 05/06/14 15:20

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		16.67	130511	05/14/14 06:48	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 18:06	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 11:36	LCN	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-55-2014-S

Lab Sample ID: 240-36960-10

Date Collected: 05/06/14 16:05

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	130511	05/14/14 07:11	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 18:10	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 12:04	LCN	TAL CAN

## Client Sample ID: MW-41-2014-S

Lab Sample ID: 240-36960-11

Date Collected: 05/06/14 16:45

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	130511	05/14/14 07:33	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 18:22	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 12:08	LCN	TAL CAN

## Client Sample ID: MW-56-2014-S

Lab Sample ID: 240-36960-12

Date Collected: 05/06/14 17:15

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	130511	05/14/14 07:56	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 18:26	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 12:02	LCN	TAL CAN

## Client Sample ID: MW-42-2014-S

Lab Sample ID: 240-36960-13

Date Collected: 05/06/14 17:25

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	130511	05/14/14 08:18	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 18:30	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 11:40	LCN	TAL CAN

## Client Sample ID: EB-101-GW

Lab Sample ID: 240-36960-14

Date Collected: 05/06/14 17:35

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130697	05/15/14 02:19	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: EB-101-GW

Lab Sample ID: 240-36960-14

Date Collected: 05/06/14 17:35

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6010B		1	130170	05/09/14 18:34	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 12:10	LCN	TAL CAN

## Client Sample ID: TB-101-2014S

Lab Sample ID: 240-36960-15

Date Collected: 05/06/14 00:00

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130697	05/15/14 02:41	RJQ	TAL CAN

## Client Sample ID: MW-45-2014-S

Lab Sample ID: 240-37050-1

Date Collected: 05/07/14 10:50

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1000	130942	05/16/14 15:03	LRW	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 19:48	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-46-2014-S

Lab Sample ID: 240-37050-2

Date Collected: 05/07/14 11:35

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		200	130596	05/14/14 12:34	LEE	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:16	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-47-2014-S

Lab Sample ID: 240-37050-3

Date Collected: 05/07/14 08:30

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:20	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-48-2014-S

Lab Sample ID: 240-37050-4

Date Collected: 05/07/14 09:20

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:24	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-51-2014-S

Lab Sample ID: 240-37050-5

Date Collected: 05/07/14 09:50

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		500	130942	05/16/14 15:52	LRW	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:28	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-52-2014-S

Lab Sample ID: 240-37050-6

Date Collected: 05/07/14 09:05

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		500	130942	05/16/14 16:14	LRW	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:32	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-12-2014-S

Lab Sample ID: 240-37050-7

Date Collected: 05/07/14 15:30

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130942	05/16/14 16:36	LRW	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:36	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-20-2014-S

Lab Sample ID: 240-37050-8

Date Collected: 05/07/14 15:40

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		16.67	131531	05/21/14 13:47	LEE	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:40	RKT	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-20-2014-S

Lab Sample ID: 240-37050-8

Date Collected: 05/07/14 15:40

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: EB-201-2014-S

Lab Sample ID: 240-37050-9

Date Collected: 05/07/14 16:00

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130942	05/16/14 16:59	LRW	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:44	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: TB-201-2014S

Lab Sample ID: 240-37050-10

Date Collected: 05/07/14 00:00

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130942	05/16/14 17:21	LRW	TAL CAN

## Client Sample ID: RT-5-2014-S

Lab Sample ID: 240-37110-1

Date Collected: 05/08/14 09:30

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:15	LCN	TAL CAN

## Client Sample ID: RT-4-2014-S

Lab Sample ID: 240-37110-2

Date Collected: 05/08/14 10:00

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:30	LCN	TAL CAN

## Client Sample ID: RT-2-2014-S

Lab Sample ID: 240-37110-3

Date Collected: 05/08/14 10:30

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:34	LCN	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-1-2014-S**

**Lab Sample ID: 240-37110-4**

Date Collected: 05/08/14 11:00

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:38	LCN	TAL CAN

**Client Sample ID: FD-02-2014-S**

**Lab Sample ID: 240-37110-5**

Date Collected: 05/08/14 09:00

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:27	LCN	TAL CAN

**Client Sample ID: SW-17-2014-S**

**Lab Sample ID: 240-37110-6**

Date Collected: 05/08/14 13:10

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:58	LCN	TAL CAN

**Client Sample ID: SW-9-2014-S**

**Lab Sample ID: 240-37110-7**

Date Collected: 05/08/14 13:50

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:01	LCN	TAL CAN

**Client Sample ID: SW-19-2014-S**

**Lab Sample ID: 240-37110-8**

Date Collected: 05/08/14 15:15

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:09	LCN	TAL CAN

**Client Sample ID: SW-12-2014-S**

**Lab Sample ID: 240-37110-9**

Date Collected: 05/08/14 15:40

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:13	LCN	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: SW-22-2014-S

Lab Sample ID: 240-37110-10

Date Collected: 05/08/14 16:05

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:05	LCN	TAL CAN

## Client Sample ID: FD-03-SN-2014S

Lab Sample ID: 240-37110-11

Date Collected: 05/08/14 12:00

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:46	LCN	TAL CAN

## Client Sample ID: EB-301-GW

Lab Sample ID: 240-37110-12

Date Collected: 05/08/14 11:30

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:42	LCN	TAL CAN

## Client Sample ID: EB-302-SW

Lab Sample ID: 240-37110-13

Date Collected: 05/08/14 16:20

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:29	LCN	TAL CAN

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37110-14

Date Collected: 05/08/14 16:30

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:25	LCN	TAL CAN

## Client Sample ID: SD-17-2014-S

Lab Sample ID: 240-37110-15

Date Collected: 05/08/14 13:15

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 80.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 19:43	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 15:58	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: SD-9-2014-S

Lab Sample ID: 240-37110-16

Date Collected: 05/08/14 14:00

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 19:55	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 16:02	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: SD-4-2014-S

Lab Sample ID: 240-37110-17

Date Collected: 05/08/14 15:20

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 19:59	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 16:04	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: SD-12-2014-S

Lab Sample ID: 240-37110-18

Date Collected: 05/08/14 15:45

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 75.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 19:20	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 16:08	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: SD-7-2014-S

Lab Sample ID: 240-37110-19

Date Collected: 05/08/14 16:10

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 78.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 20:03	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 16:11	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: FD-04-SD-2014S

Lab Sample ID: 240-37110-20

Date Collected: 05/08/14 12:15

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 20:07	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 16:17	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: RT-5-2014-S

Lab Sample ID: 240-37135-1

Date Collected: 05/08/14 09:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			130133	05/10/14 11:31	CSC	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 15:42	TMH	TAL CAN
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 19:04	KLC	TAL CAN

## Client Sample ID: RT-4-2014-S

Lab Sample ID: 240-37135-2

Date Collected: 05/08/14 10:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			130133	05/10/14 11:31	CSC	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 16:52	TMH	TAL CAN
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 19:51	KLC	TAL CAN

## Client Sample ID: RT-2-2014-S

Lab Sample ID: 240-37135-3

Date Collected: 05/08/14 10:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			130175	05/12/14 07:45	SDE	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 15:19	TMH	TAL CAN
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 19:55	KLC	TAL CAN

## Client Sample ID: RT-1-2014-S

Lab Sample ID: 240-37135-4

Date Collected: 05/08/14 11:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 19:59	KLC	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: FD-02-2014-S

Lab Sample ID: 240-37135-5

Date Collected: 05/08/14 09:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			130175	05/12/14 07:45	SDE	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 14:55	TMH	TAL CAN
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130983	05/16/14 14:27	KLC	TAL CAN

## Client Sample ID: SW-17-2014-S

Lab Sample ID: 240-37135-6

Date Collected: 05/08/14 13:10

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:15	KLC	TAL CAN

## Client Sample ID: SW-9-2014-S

Lab Sample ID: 240-37135-7

Date Collected: 05/08/14 13:50

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:19	KLC	TAL CAN

## Client Sample ID: SW-19-2014-S

Lab Sample ID: 240-37135-8

Date Collected: 05/08/14 15:15

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:23	KLC	TAL CAN

## Client Sample ID: SW-12-2014-S

Lab Sample ID: 240-37135-9

Date Collected: 05/08/14 15:40

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 19:31	KLC	TAL CAN

## Client Sample ID: SW-22-2014-S

Lab Sample ID: 240-37135-10

Date Collected: 05/08/14 16:05

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: SW-22-2014-S

Lab Sample ID: 240-37135-10

Date Collected: 05/08/14 16:05

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:27	KLC	TAL CAN

## Client Sample ID: FD-03-SW-2014-S

Lab Sample ID: 240-37135-11

Date Collected: 05/08/14 12:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:31	KLC	TAL CAN

## Client Sample ID: EB-301-GW

Lab Sample ID: 240-37135-12

Date Collected: 05/08/14 11:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			130175	05/12/14 07:45	SDE	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 14:32	TMH	TAL CAN
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:35	KLC	TAL CAN

## Client Sample ID: EB-302-SW

Lab Sample ID: 240-37135-13

Date Collected: 05/08/14 16:20

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:39	KLC	TAL CAN

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37135-14

Date Collected: 05/08/14 16:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:43	KLC	TAL CAN

## Client Sample ID: RT-5-2014-S

Lab Sample ID: 240-37154-1

Date Collected: 05/08/14 09:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		6.67	131072	05/17/14 19:35	LEE	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-4-2014-S**

**Lab Sample ID: 240-37154-2**

Date Collected: 05/08/14 10:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		100	131072	05/17/14 17:15	LEE	TAL CAN

**Client Sample ID: RT-2-2014-S**

**Lab Sample ID: 240-37154-3**

Date Collected: 05/08/14 10:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		500	131131	05/19/14 20:10	LEE	TAL CAN

**Client Sample ID: RT-1-2014-S**

**Lab Sample ID: 240-37154-4**

Date Collected: 05/08/14 11:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	131072	05/17/14 18:02	LEE	TAL CAN

**Client Sample ID: FD-02-2014-S**

**Lab Sample ID: 240-37154-5**

Date Collected: 05/08/14 09:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		500	131333	05/20/14 12:08	LEE	TAL CAN

**Client Sample ID: EB-301-GW**

**Lab Sample ID: 240-37154-6**

Date Collected: 05/08/14 11:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131072	05/17/14 18:49	LEE	TAL CAN

**Client Sample ID: SW-17-2014-S**

**Lab Sample ID: 240-37154-7**

Date Collected: 05/08/14 13:10

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131072	05/17/14 19:11	LEE	TAL CAN

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-9-2014-S**

**Lab Sample ID: 240-37154-8**

Date Collected: 05/08/14 13:50

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131072	05/17/14 20:45	LEE	TAL CAN

**Client Sample ID: SW-19-2014-S**

**Lab Sample ID: 240-37154-9**

Date Collected: 05/08/14 15:15

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	131072	05/17/14 21:09	LEE	TAL CAN

**Client Sample ID: SW-12-2014-S**

**Lab Sample ID: 240-37154-10**

Date Collected: 05/08/14 15:40

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131196	05/19/14 14:27	RJQ	TAL CAN

**Client Sample ID: SW-22-2014-S**

**Lab Sample ID: 240-37154-11**

Date Collected: 05/08/14 16:05

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131072	05/17/14 21:32	LEE	TAL CAN

**Client Sample ID: FD-03-SW-2014-S**

**Lab Sample ID: 240-37154-12**

Date Collected: 05/08/14 12:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.67	131072	05/17/14 21:56	LEE	TAL CAN

**Client Sample ID: TB-301-2014S**

**Lab Sample ID: 240-37154-13**

Date Collected: 05/08/14 00:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131335	05/20/14 13:31	LEE	TAL CAN

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-302-SW**

**Lab Sample ID: 240-37154-14**

Date Collected: 05/08/14 16:20

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131196	05/19/14 15:12	RJQ	TAL CAN

**Client Sample ID: SD-17-2014-S**

**Lab Sample ID: 240-37154-15**

Date Collected: 05/08/14 13:15

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130840	05/15/14 12:14	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130825	05/15/14 16:13	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

**Client Sample ID: SD-9-2014-S**

**Lab Sample ID: 240-37154-16**

Date Collected: 05/08/14 14:00

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130840	05/15/14 12:14	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130825	05/15/14 16:39	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

**Client Sample ID: SD-4-2014-S**

**Lab Sample ID: 240-37154-17**

Date Collected: 05/08/14 15:20

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130840	05/15/14 12:14	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130825	05/15/14 17:04	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

**Client Sample ID: SD-12-2014-S**

**Lab Sample ID: 240-37154-18**

Date Collected: 05/08/14 15:45

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 74.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130998	05/16/14 12:20	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130966	05/16/14 15:45	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: SD-7-2014-S

Lab Sample ID: 240-37154-19

Date Collected: 05/08/14 16:10

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130840	05/15/14 12:14	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130825	05/15/14 18:44	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: FD-04-SD-2014-S

Lab Sample ID: 240-37154-20

Date Collected: 05/08/14 12:15

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130840	05/15/14 12:14	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130825	05/15/14 19:10	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37154-21

Date Collected: 05/08/14 16:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131196	05/19/14 15:34	RJQ	TAL CAN

## Client Sample ID: MW-11-2014-S

Lab Sample ID: 240-37219-1

Date Collected: 05/09/14 09:10

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131365	05/20/14 13:36	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:19	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:18	WAL	TAL CAN

## Client Sample ID: MW-7-2014-S

Lab Sample ID: 240-37219-2

Date Collected: 05/09/14 10:20

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131365	05/20/14 19:57	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:22	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:30	WAL	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-25-2014-S

Lab Sample ID: 240-37219-3

Date Collected: 05/09/14 12:20

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1250	131365	05/20/14 22:35	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:26	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:10	WAL	TAL CAN

## Client Sample ID: MW-53-2014-S

Lab Sample ID: 240-37219-4

Date Collected: 05/09/14 15:00

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	131365	05/20/14 14:21	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:30	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:15	WAL	TAL CAN

## Client Sample ID: EB-401-2014-S

Lab Sample ID: 240-37219-5

Date Collected: 05/09/14 15:50

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131365	05/20/14 20:20	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:34	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:17	WAL	TAL CAN

## Client Sample ID: MW-5-2014-S

Lab Sample ID: 240-37219-6

Date Collected: 05/09/14 17:10

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		250	131365	05/20/14 14:43	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:59	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:01	WAL	TAL CAN

## Client Sample ID: TB-401-2014S

Lab Sample ID: 240-37219-7

Date Collected: 05/09/14 00:00

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131365	05/20/14 20:42	RJQ	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-8-2014-S**

**Lab Sample ID: 240-37266-1**

Date Collected: 05/12/14 09:40

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2.5	131079	05/17/14 21:16	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:46	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:00	BLW	TAL CAN

**Client Sample ID: MW-23-2014-S**

**Lab Sample ID: 240-37266-2**

Date Collected: 05/12/14 10:20

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		16.67	131079	05/17/14 21:39	LRW	TAL CAN
Total/NA	Prep	3510C			130584	05/14/14 08:59	SDE	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 17:39	TMH	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:50	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:03	BLW	TAL CAN

**Client Sample ID: MW-13-2014-S**

**Lab Sample ID: 240-37266-3**

Date Collected: 05/12/14 10:55

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2.5	131079	05/17/14 22:02	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:54	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:04	BLW	TAL CAN

**Client Sample ID: MW-16-2014-S**

**Lab Sample ID: 240-37266-4**

Date Collected: 05/12/14 11:30

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		25	131079	05/17/14 22:24	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:58	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:05	BLW	TAL CAN

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: EB-501-2014-S

Lab Sample ID: 240-37266-5

Date Collected: 05/12/14 12:00

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131079	05/17/14 22:47	LRW	TAL CAN
Total/NA	Prep	3510C			130584	05/14/14 08:59	SDE	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 17:15	TMH	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 22:02	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:06	BLW	TAL CAN

## Client Sample ID: MW-54-2014-S

Lab Sample ID: 240-37266-6

Date Collected: 05/12/14 12:40

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	131079	05/17/14 17:31	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 22:07	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:07	BLW	TAL CAN

## Client Sample ID: MW-10-2014-S

Lab Sample ID: 240-37266-7

Date Collected: 05/12/14 14:00

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	131184	05/19/14 14:30	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 22:11	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:10	BLW	TAL CAN

## Client Sample ID: MW-9-2014-S

Lab Sample ID: 240-37266-8

Date Collected: 05/12/14 16:10

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131080	05/17/14 20:01	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 22:15	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:11	BLW	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: TB-501-2014S**

**Lab Sample ID: 240-37266-9**

Date Collected: 05/12/14 00:00

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131080	05/17/14 20:24	LRW	TAL CAN

**Client Sample ID: EB-601-051514**

**Lab Sample ID: 240-37489-1**

Date Collected: 05/15/14 07:30

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 17:54	LEE	TAL CAN

**Client Sample ID: FD-601-051514**

**Lab Sample ID: 240-37489-2**

Date Collected: 05/15/14 07:15

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		66.67	131760	05/23/14 06:11	RJQ	TAL CAN

**Client Sample ID: VP-101-051514**

**Lab Sample ID: 240-37489-3**

Date Collected: 05/15/14 07:45

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		66.67	131760	05/23/14 06:33	RJQ	TAL CAN

**Client Sample ID: VP-103-051514**

**Lab Sample ID: 240-37489-4**

Date Collected: 05/15/14 08:00

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	132099	05/27/14 18:16	LEE	TAL CAN

**Client Sample ID: VP-108-051514**

**Lab Sample ID: 240-37489-5**

Date Collected: 05/15/14 08:15

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 18:38	LEE	TAL CAN

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-107-051514**

**Lab Sample ID: 240-37489-6**

Date Collected: 05/15/14 08:20

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 19:01	LEE	TAL CAN

**Client Sample ID: VP-110-051514**

**Lab Sample ID: 240-37489-7**

Date Collected: 05/15/14 08:25

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 19:23	LEE	TAL CAN

**Client Sample ID: VP-106-051514**

**Lab Sample ID: 240-37489-8**

Date Collected: 05/15/14 08:35

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 19:46	LEE	TAL CAN

**Client Sample ID: VP-112-051514**

**Lab Sample ID: 240-37489-9**

Date Collected: 05/15/14 08:45

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 20:08	LEE	TAL CAN

**Client Sample ID: VP-114-051514**

**Lab Sample ID: 240-37489-10**

Date Collected: 05/15/14 08:50

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131983	05/24/14 22:03	LRW	TAL CAN

**Client Sample ID: MW-48-2014-SR**

**Lab Sample ID: 240-37489-11**

Date Collected: 05/15/14 10:15

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		133.33	131939	05/24/14 01:57	RJQ	TAL CAN

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-47-2014-SR**

**Lab Sample ID: 240-37489-12**

Date Collected: 05/15/14 10:45

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.43	132099	05/27/14 20:31	LEE	TAL CAN

**Client Sample ID: TB-701-2014SR**

**Lab Sample ID: 240-37489-13**

Date Collected: 05/15/14 00:00

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132266	05/28/14 18:45	LEE	TAL CAN

**Client Sample ID: VP-3-051114**

**Lab Sample ID: 240-37510-1**

Date Collected: 05/11/14 18:48

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1.61	1246	05/23/14 07:36	HMT	TAL KNX

**Client Sample ID: VP-11-051114**

**Lab Sample ID: 240-37510-2**

Date Collected: 05/11/14 19:00

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1.82	1254	05/23/14 16:21	AFB	TAL KNX

**Client Sample ID: VP-107-051414**

**Lab Sample ID: 240-37510-3**

Date Collected: 05/11/14 13:46

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	1246	05/22/14 17:14	HMT	TAL KNX

**Client Sample ID: VP-110-051414**

**Lab Sample ID: 240-37510-4**

Date Collected: 05/14/14 12:25

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	1254	05/23/14 17:11	AFB	TAL KNX

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-106-051414**

**Lab Sample ID: 240-37510-5**

Date Collected: 05/14/14 13:56

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	1254	05/23/14 17:59	AFB	TAL KNX

**Client Sample ID: VP-108-051414**

**Lab Sample ID: 240-37510-6**

Date Collected: 05/14/14 13:04

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	1254	05/23/14 22:10	AFB	TAL KNX

**Client Sample ID: FD-101-051414**

**Lab Sample ID: 240-37510-7**

Date Collected: 05/14/14 13:00

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	1254	05/23/14 23:47	AFB	TAL KNX

**Client Sample ID: VP-114-051414**

**Lab Sample ID: 240-37510-8**

Date Collected: 05/14/14 14:30

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	1254	05/24/14 00:37	AFB	TAL KNX

**Client Sample ID: AB-101-051414**

**Lab Sample ID: 240-37510-9**

Date Collected: 05/14/14 14:11

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	1254	05/24/14 01:27	AFB	TAL KNX

**Client Sample ID: TB-101-051414**

**Lab Sample ID: 240-37510-10**

Date Collected: 05/14/14 00:00

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	1254	05/24/14 02:16	AFB	TAL KNX

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TAL KNX = TestAmerica Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

# Certification Summary

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-14 *
Georgia	State Program	4	N/A	06-30-14 *
Illinois	NELAP	5	200004	07-31-14 *
Kansas	NELAP	7	E-10336	01-31-15
Kentucky (UST)	State Program	4	58	06-30-14 *
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-14 *
New Jersey	NELAP	2	OH001	06-30-14 *
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14 *
Texas	NELAP	6		08-31-14
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-14 *

## Laboratory: TestAmerica Knoxville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		N/A	
Arkansas DEQ	State Program	6	88-0688	06-17-14 *
California	State Program	9	2423	06-30-14
Colorado	State Program	8	N/A	02-28-15
Connecticut	State Program	1	PH-0223	09-30-15
Florida	NELAP	4	E87177	06-30-14
Georgia	State Program	4	906	06-13-14 *
Hawaii	State Program	9	N/A	04-13-15
Iowa	State Program	7	375	08-01-14
Kansas	NELAP	7	E-10349	10-31-14
Kentucky (DW)	State Program	4	90101	12-31-14
L-A-B	DoD ELAP		L2311	02-13-16
Louisiana	NELAP	6	LA110001	12-31-14
Maryland	State Program	3	277	03-31-15
Michigan	State Program	5	9933	04-13-14 *
Nevada	State Program	9	TN00009	07-31-14
New Jersey	NELAP	2	TN001	06-30-14
New York	NELAP	2	10781	03-31-15
North Carolina DENR	State Program	4	64	12-31-14
North Carolina DHHS	State Program	4	21705	07-31-14
Ohio VAP	State Program	5	CL0059	03-26-15
Oklahoma	State Program	6	9415	08-31-14
Pennsylvania	NELAP	3	68-00576	12-31-14
South Carolina	State Program	4	84001	06-30-14
Tennessee	State Program	4	2014	04-13-17

\* Certification renewal pending - certification considered valid.

TestAmerica Canton

# Certification Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Laboratory: TestAmerica Knoxville (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Texas	NELAP	6	T104704380-TX	08-31-14
USDA	Federal		P330-13-00260	08-29-16
Utah	NELAP	8	QUAN3	07-31-14
Virginia	NELAP	3	460176	09-14-14
Virginia	State Program	3	165	06-30-14
Washington	State Program	10	C593	01-19-15
West Virginia DEP	State Program	3	345	04-30-15
West Virginia DHHR	State Program	3	9955C	12-31-14
Wisconsin	State Program	5	998044300	08-31-14

## Chain of Custody Record

<b>Client Information</b> Client Contact: <b>Jim Peoples</b> Company: <b>T+M Associates</b> Address: <b>4675 Lakehurst Ct. Suite 250</b> City: <b>Columbus</b> State Zip: <b>Oh, 43016</b> Phone: <b>614-339-2380</b> E-Mail: <b>JPeoples@tandmassociates.com</b> Project Name: <b>HEMTOR - GRENADA</b> Site: <b>GRENADA, MS</b>		Lab P/N: <b>Laura Page</b> E-Mail: <b>Josh.McKinney@testamerica inc.com</b> Carrier Tracking No(s): Analysis Requested:	
Due Date Requested: TAT Requested (days): <b>14</b> PO #: <b>14</b> WO #: <b>14</b> Project #: <b>MEKT-0090</b> SSOW #:	Total Number of Containers: <b>70-15</b>		
Sample Identification			
Sample Date Sample Time Sample Type Matrix	5/11/14 1848 G A	5/11/14 1900 G A	5/14/14 1346 G A
5/14/14 1225 G A	5/14/14 1356 G A	5/14/14 1304 G A	5/19/14 1267 G A
Special Instructions/Notes: Received @ midnight No. containers used 3 boxes KWS/19/14 FedEx G 4-K# 7800 0003 1278 " " 1267 " " 1289 14 cans 13 flavor 13 cc			
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
Special Instructions/OC Requirements:			
Date: _____ Time: _____ Method of Shipment: _____ Received by: <b>JM ASS. KLV</b> Date/Time: <b>5/19/14 0945</b> Company: _____ Received by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____ Cooler Temperature(s) °C and Other Remarks:			

Chain of Custody Record

THE LEADER IN ENVIRONMENTAL TESTING

<b>Client Information</b> Client Contact: <u>Jim Peoples</u> Company: <u>T+M Associates</u> Address: <u>4675 Lakemist Ct. Suite 250</u> City: <u>Columbus</u> State, Zip: <u>Ohio 43016</u> Phone: <u>614-339-3380</u> E-Mail: <u>JPeoples@fundmassociats.com</u> Project Name: <u>MERITOR - GRENADA</u> Site: <u>GRENADA, MS</u>		Sampler: <u>Laura Page</u> Lab P#1: <u>Josh McKinney</u> Phone: <u>614-288-7201</u> E-Mail: <u>Josh.McKinney@testamerica inc.com</u>		Carrier Tracking No(s): Analysis Requested		COC No: Page: STL Job #:	
Due Date Requested: TAT Requested (days): <u>14</u> PO #: WO #: Project #: <u>MERT-00090</u> SOW #: Matrix (W=water, S=solid, O=Waste/Oil, BT=Tissue, A=Air)		Field Filled Sample (Yes or No) <u>NO</u> Perform MS/MSD (Yes or No) <u>NO</u>		Total Number of Containers		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexano N - None O - Acetic P - Na2SO4 Q - Na2S2O3 R - Na2S2O8 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - ph 4-5 Z - other (specify)	
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=Grab) Preservation Code		Sample Date Sample Time Sample Type (C=Comp, G=Grab) Preservation Code		Special Instructions/Note: <u>4 empty/not used containers included in package</u>		Special Instructions/Note: Months	
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Analyze For		Special Instructions/OC Requirements:		Method of Shipment:	
Empty Kit Requisitioned by: <u>Jim Peoples</u> Date/Time: <u>5/15/14 1737</u> Company:		Requisitioned by: <u>KL</u> Date/Time: <u>5/14/14</u> Company:		Received by: Date/Time:		Cooler Temperature(s) °C and Other Remarks:	



Chain of Custody Record

Client Information		Sampler: <b>Laura Page</b>	Lab P/N: <b>Josh McKinney</b>	Carrier Tracking Note(s):			
Client Contact: <b>Jim Peeples</b>		Phone: <b>614-288-7201</b>	E-Mail: <b>Josh.McKinney@testamerica.in.com</b>				
Company: <b>Tom Associates</b>		Analysis Requested					
Address: <b>4675 Lakehurst Ct. Suite 250</b>		Due Date Requested:					
City: <b>Columbus</b>		TAT Requested (days): <b>14</b>					
State, Zip: <b>Ohio, 43006</b>		PO #:					
Phone: <b>614-339-3380</b>		WO #:					
E-Mail: <b>JPeeples@tandmassociates.com</b>		Project #: <b>MERT-00090</b>					
Project Name: <b>MERTOR - GRENADA</b>		SSOW #:					
Site: <b>GRENADA, MS</b>							
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (W=water, S=Solid, O=Water/Oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Special Instructions/Notes:
<b>AB-101-051414</b>	<b>5/14/14</b>	<b>1411</b>	<b>G A</b>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>TB-101-051414</b>	<b>~</b>	<b>noting -</b>	<b>A</b>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Trip Blank</b>
Possible Hazard Identification							
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							
Deliverable Requested: I, II, III, IV, Other (specify)							
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: <b>Laura Page</b>		Date: <b>5/15/14</b>		Time: <b>1725</b>		Requested by: <b>JKL</b>	
Relinquished by:		Date/Time:		Company:		Date/Time: <b>5/14/14</b>	
Relinquished by:		Date/Time:		Company:		Date/Time: <b>0945</b>	
Custody Seals Intact?		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		Company:	
? Yes ? No							



**TestAmerica Knoxville  
Login Sample Receipt Checklist**

Login Number:            Loc: 240      Initials/Date: KLJ/5/19/14  
**37510**

Question	YES	No	N/A	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.			X	
The cooler's custody seal, if present, is intact.			/	
Sample custody seals, if present, are intact.			/	
The cooler or samples do not appear to have been compromised or tampered with.	/			
Samples were received on ice.			X	
Cooler Temperature is acceptable.			X	
Cooler Temperature is recorded.			x	
COC is present.	/			
COC is filled out in ink and legible.	/			
COC is filled out with all pertinent information.	/			
Is the Field Sampler's name present on COC?	/			
There are no discrepancies between the containers received and the COC.	/			
Samples are received within Holding Time.	/			
Sample containers have legible labels.	/			
Containers are not broken or leaking.			/	Checked in lab
Sample collection date/times are provided.	/			
Appropriate sample containers are used.	/			
Sample bottles are completely filled.			X	
Sample Preservation Verified.			X	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs			X	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").			X	
Multiphasic samples are not present.			X	
Samples do not require splitting or compositing.			X	
Residual Chlorine Checked.			X	
General Comments:				

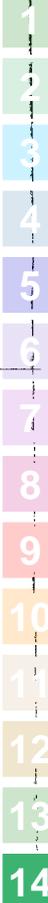
SC011R0, 4/10/14

**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

<b>Regulatory Program:</b> <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input checked="" type="checkbox"/> RCRA <input type="checkbox"/> Other:		<b>Project Manager:</b> James Peoples		<b>Site Contact:</b> Gordon Purish		<b>Date:</b> 5/6/14	
<b>Tell/Fax:</b> 614-288-7201		<b>Lab Contact:</b> Josh McKinney		<b>Carrier:</b> FedEx		<b>COC No.:</b> 1 of 2 COCs	
<b>Company Name:</b> T and M Associates <b>Address:</b> 4675 Lakehurst Ct. Suite 250 <b>City/State/Zip:</b> Columbus OH 43016 <b>Phone:</b> 614-339-3380 <b>Fax:</b> 614-389-7082 <b>Project Name:</b> MERT-00070 <b>Site:</b> Grenada <b>P O #</b>		<b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		<b>Filtered Sample (Y/N)</b> Perform MS / MSD (Y/N)		<b>Sampler:</b> Walk-in Client: Lab Sampling: Job / SDG No.:	
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:	
MW-59-2014-S	5/6/14	0910	G	H <sub>2</sub> O	4		
MW-58-2014-S		0925			4		
MW-57-2014-S		1215			4		
FD-01-2014-S		1000			4		
MW-50-2014-S		1245			11		
MW-14-2014-S		1300			4		
MW-49-2014-S		1410			4		
MW-44-2014-S		1420			4		
MW-43-2014-S		1520			4		
MW-55-2014-S		1605			4		
MW-41-2014-S		1645			4		
MW-56-2014-S		1715			4		
Preservation Used: 1=Ce, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other							
Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							
<b>Special Instructions/QC Requirements &amp; Comments:</b>							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Therm ID No.:	
Relinquished by: <i>Sam Page</i>		Company: T & M Associates		Received by: <i>Josh McKinney</i>		Company: Test America	
Relinquished by:		Date/Time: 5/6/14 1100		Received by:		Date/Time: 5/7/14 1120	
Relinquished by:		Date/Time:		Received in Laboratory by:		Date/Time:	



North Canton, OH 44720  
Phone: 330.497.9396 Fax: 330.497.0772

Regulatory Program:  DW  NPDES  RCRA  Other:

COC No: 2 of 2 COCs

Project Manager: James Peoples  
Site Contact: Gordon Parish  
Date: 5/6/14

Client Contact  
Company Name: T and M Associates  
Address: 4675 Lakehurst Ct. Suite 250  
City/State/Zip: Columbus, OH 43016  
Phone: 614-339-3380  
Fax: 614-389-7082  
Project Name: MERT-00070  
Site: Grenada  
P O #

Tell/Fax: 614-288-7201  
Lab Contact: Josh McKinney  
Carrier: FedEx  
Analysis Turnaround Time  
 CALENDAR DAYS  WORKING DAYS  
TAT if different from Below  
 2 weeks  
 1 week  
 2 days  
 1 day

For Lab Use Only:  
Walk-in Client:  
Lab Sampling:  
Job / SDG No.:

Sample Identification  
Sample Date  
Sample Time  
Sample Type (C=Comp, G=Grab)  
Matrix  
# of Cont.

Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
5/6/14	1725	G	H <sub>2</sub> O	4			
5/6/14	1735	G	H <sub>2</sub> O	4			
MW-42-2014-S							
EB-101-GW							

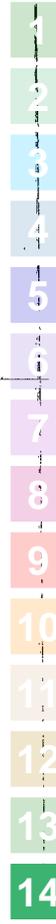
Preservation Used: 1=Ice, 2=HC, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other  
Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown  
Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact:  Yes  No  
Cooler Temp. (°C): Obs'd: \_\_\_\_\_ Cor'd: \_\_\_\_\_ Therm ID No.: \_\_\_\_\_

Relinquished by: *Kan Sze*  
Relinquished by: \_\_\_\_\_  
Relinquished by: \_\_\_\_\_  
Received by: *James Peoples*  
Received by: \_\_\_\_\_  
Received in Laboratory by: \_\_\_\_\_  
Date/Time: 5/6/14 1900  
Date/Time: \_\_\_\_\_  
Date/Time: \_\_\_\_\_  
Company: T & M Associates  
Company: Test America  
Company: \_\_\_\_\_  
Date/Time: 5/2/14 1120  
Date/Time: \_\_\_\_\_  
Date/Time: \_\_\_\_\_



Regulatory Program:  DW  NPDES  RCRA  Other:

Project Manager: <b>James Peoples</b>		Site Contact: <b>Gordon Parish</b>		Date: <b>5/6/14</b>		COC No: <b>1</b> of <b>2</b> COCs	
Tel/Fax: <b>414-288-7261</b>		Lab Contact: <b>Josh McKinney</b>		Carrier: <b>FEA Ex</b>		Sampler:	
Analysis Turnaround Time		Perform MS/MSD (Y/N)		Filtered Sample (Y/N)		Sample Specific Notes:	
<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below:		2 weeks 1 week 2 days 1 day		2 weeks 1 week 2 days 1 day		For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:	
Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes
MW-59-2014-5	0910	G	H <sub>2</sub> O	1	N	X	extra volume for MS/MSD
MW-58-2014-5	0925			1			
MW-57-2014-5	1215			1			
FD-01-2014-5	1000			1			
MW-50-2014-5	1245			2			
MW-14-2014-5	1300			1			
MW-49-2014-5	1410			1			
MW-44-2014-5	1420			1			
MW-43-2014-5	1520			1			
MW-55-2014-5	1605			1			
MW-41-2014-5	1645			1			
MW-56-2014-5	1715			1			
Preservation Used: 1=Ice, 2=HCl, 3=H <sub>2</sub> SO <sub>4</sub> , 4=HNO <sub>3</sub> , 5=NaOH, 6=Other							
Possible Hazard Identification: Please List any EPA Hazardous Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							
Special Instructions/QC Requirements & Comments:							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temp. (°C):		Obs'd:		Therm ID No.:	
Relinquished by: <b>Laura Page</b>		Received by: <b>Ryan Roth</b>		Company: <b>Test America</b>		Date/Time: <b>5/7/14 1120</b>	
Relinquished by:		Received by:		Company:		Date/Time:	
Relinquished by:		Received in Laboratory by:		Company:		Date/Time:	



<b>Regulatory Program:</b> <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other:		<b>Project Manager:</b> James Peoples <b>Tel/Fax:</b> 614-288-7201 <b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT, if different from Below <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		<b>Site Contact:</b> Gordon Parish <b>Date:</b> 5/6/14 <b>Carrier:</b> Fed Ex		<b>COC No.:</b> 2 of 2 COCs	
<b>Client Contact</b> <b>Company Name:</b> T and M Associates <b>Address:</b> 4675 Lakeshore Ct. Suite 250 <b>City/State/Zip:</b> Columbus, OH 43016 <b>Phone:</b> 614-339-3380 <b>Fax:</b> 614-389-7082 <b>Project Name:</b> MEPT-00070 <b>Site:</b> Grenada <b>P.O.#</b>		<b>Lab Contact:</b> Josh McKinney <b>Carrier:</b> Fed Ex <b>Perform MS/MSD (Y/N)</b> <b>Filtered Sample (Y/N)</b>		<b>Sampler:</b> <b>For Lab Use Only:</b> <b>Walk-in Client:</b> <b>Lab Sampling:</b> <b>Job / SDG No.:</b>		<b>Sample Specific Notes:</b>	
<b>Sample Identification</b> MW-42-2014-S EB-101-GW		<b>Sample Date</b> 5/6/14 5/6/14		<b>Sample Time</b> 1725 1735		<b>Sample Type (C=Comp, G=Grab)</b> G G	
				<b>Matrix</b> H <sub>2</sub> O H <sub>2</sub> O		<b># of Cont.</b> 1 1	
<b>Preservation Used:</b> 1=Ice, 2=HCl, 3=H <sub>2</sub> SO <sub>4</sub> , 4=HNO <sub>3</sub> , 5=NaOH, 6=Other							
<b>Possible Hazard Identification:</b> Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							
<b>Special Instructions/QC Requirements &amp; Comments:</b>							
<b>Custody Seals Intact:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Custody Seal No.:</b>		<b>Cooler Temp. (°C):</b> Obs'd: <input type="checkbox"/> Corr'd:		<b>Therm ID No.:</b>	
<b>Relinquished by:</b> <i>Ann Fox</i>		<b>Company:</b> T and M Associates		<b>Received by:</b>		<b>Company:</b>	
<b>Relinquished by:</b>		<b>Company:</b>		<b>Received by:</b>		<b>Company:</b>	
<b>Relinquished by:</b>		<b>Company:</b>		<b>Received in Laboratory by:</b>		<b>Company:</b>	



TestAmerica Canton Sample Receipt Form/Narrative  
Canton Facility

Login # : 269100

Client Tand M Associates Site Name \_\_\_\_\_

Cooler unpacked by:

Cooler Received on 5/7/14 Opened on 5/7/14

Ryan Potts

FedEx:  1st Grd  UPS  FAS  Stetson Client Drop Off  TestAmerica Courier Other \_\_\_\_\_

TestAmerica Cooler # NO # Foam Box  Other Box Other \_\_\_\_\_

Packing material used:  Bubble Wrap  Foam  Plastic Bag  None Other \_\_\_\_\_

COOLANT:  Wet Ice  Blue Ice  Dry Ice  Water  None

- Cooler temperature upon receipt PR 5/7/14
  - IR GUN# A (CF +0 °C) Observed Cooler Temp. 0.8 °C Corrected Cooler Temp. 0.8 °C
  - IR GUN# 4 (CF -1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C
  - IR GUN# 5 (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C
  - IR GUN# 8 (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

See Multiple Cooler Form

- Were custody seals on the outside of the cooler(s)? If Yes Quantity (  Yes  No
  - Were custody seals on the outside of the cooler(s) signed & dated?  Yes  No NA
  - Were custody seals on the bottle(s)?  Yes  No
- Shippers' packing slip attached to the cooler(s)?  Yes  No
- Did custody papers accompany the sample(s)?  Yes  No
- Were the custody papers relinquished & signed in the appropriate place?  Yes  No
- Did all bottles arrive in good condition (Unbroken)?  Yes  No
- Could all bottle labels be reconciled with the COC?  Yes  No
- Were correct bottle(s) used for the test(s) indicated?  Yes  No
- Sufficient quantity received to perform indicated analyses?  Yes  No
- Were sample(s) at the correct pH upon receipt? PR 5/7/14  Yes  No  NA pH Strip Lot# HC391902
- Were VOAs on the COC?  Yes  No
- Were air bubbles >6 mm in any VOA vials?  Yes  No NA
- Was a trip blank present in the cooler(s)?  Yes  No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other \_\_\_\_\_

Concerning \_\_\_\_\_

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by?

Trip Blank 2x 40 ml vials included but not on COC

15. SAMPLE CONDITION

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.  
Sample(s) \_\_\_\_\_ were received in a broken container.  
Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

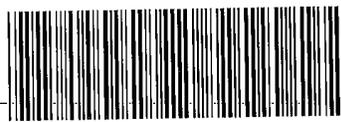
Sample(s) \_\_\_\_\_ were further preserved in the laboratory.  
Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_



Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container pH</u>	<u>Preservative Added (mls)</u>	<u>Lot #</u>
MW-59-2014-S	240-36960-E-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-58-2014-S	240-36960-E-2	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-57-2014-S	240-36960-E-3	Plastic 500ml - with Nitric Acid	<2	_____	_____
FD-01-2014-S	240-36960-E-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-50-2014-S	240-36960-L-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-50-2014-S	240-36960-M-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-14-2014-S	240-36960-E-6	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-49-2014-S	240-36960-E-7	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-44-2014-S	240-36960-E-8	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-43-2014-S	240-36960-E-9	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-55-2014-S	240-36960-E-10	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-41-2014-S	240-36960-E-11	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-56-2014-S	240-36960-E-12	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-42-2014-S	240-36960-E-13	Plastic 500ml - with Nitric Acid	<2	_____	_____
EB-101-GW	240-36960-E-14	Plastic 500ml - with Nitric Acid	<2	_____	_____

**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-37050 Chain of Custody



**TestAmerica Canton**  
4101 Shuffel Street, N. W.

North Canton, OH 44720  
Phone: 330.497.9336 Fax: 330.497.8772

**Chain of Custody Record**

043099

**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING  
TestAmerica Laboratories, Inc.  
TAL-8210 (0713)

Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input checked="" type="checkbox"/> RCRA <input type="checkbox"/> Other:		Project Manager: <b>Jim Peepus</b> Tel/Fax: <b>614-288-7201</b>	Site Contact: <b>GORDON PARISH</b> Lab Contact: <b>JOHN MCKENNEY</b>	Date: <b>5/7/14</b> Carrier: <b>FedEx</b>	COC No: _____ of _____ COCs	
Company Name: <b>T&amp;M Associates</b> Address: <b>4675 Lakeshore Ct, Suite 250</b> City/State/Zip: <b>COLUMBUS, OHIO, 43016</b> Phone: <b>614-339-3370</b> Fax: <b>614-339-7082</b> Project Name: <b>MERITOR GRAMADA</b> Site: <b>GRAMADA</b> P O #: <b>MER-00070</b>	Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day	Filtered Sample (Y/N) _____ Perform MS/MSD (Y/N) _____	For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____ Job / SDG No.: _____	Sample Specific Notes:		
Sample Identification	Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Other
MW-45-2014-S	5/7/14	1050	G	H <sub>2</sub> O	5	
MW-46-2014-S		1135				
MW-47-2014-S		0830				
MW-48-2014-S		0920				
MW-51-2014-S		0950				
MW-52-2014-S		0905				
MW-12-2014-S		1530				
MW-20-2014-S		1540				
EB-201-2014-S		1600				
Trip Blank						

VOCs (List 1) 8268  
Hex-Cr 7196A  
PB/As/Scr 6010B

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months

Relinquished by: **Ron Poye** Date/Time: \_\_\_\_\_  
 Relinquished by: **T&M Associates** Date/Time: **5/7/14 1830**  
 Relinquished by: **Test America** Date/Time: **5/8/14 800**



Client TAM Associates Site Name \_\_\_\_\_

Cooler unpacked by:

Cooler Received on 5/8/14 Opened on 5/8/14

[Signature]

FedEx:  Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other \_\_\_\_\_

TestAmerica Cooler # \_\_\_\_\_ Foam Box Client Cooler Box Other \_\_\_\_\_

Packing material used: Bubble Wrap Foam Plastic Bag None Other \_\_\_\_\_

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A (CF +0 °C) Observed Cooler Temp. 2.8 °C Corrected Cooler Temp. 2.8 °C

IR GUN# 4 (CF -1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

IR GUN# 5 (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

IR GUN# 8 (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

See Multiple Cooler Form

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1  Yes No

-Were custody seals on the outside of the cooler(s) signed & dated?  Yes No NA

-Were custody seals on the bottle(s)?  Yes  No

3. Shippers' packing slip attached to the cooler(s)?  Yes No

4. Did custody papers accompany the sample(s)?  Yes No

5. Were the custody papers relinquished & signed in the appropriate place?  Yes No

6. Did all bottles arrive in good condition (Unbroken)?  Yes No

7. Could all bottle labels be reconciled with the COC?  Yes No

8. Were correct bottle(s) used for the test(s) indicated?  Yes No

9. Sufficient quantity received to perform indicated analyses?  Yes No

10. Were sample(s) at the correct pH upon receipt?  Yes No NA pH Strip Lot# HC391902

11. Were VOAs on the COC?  Yes No

12. Were air bubbles >6 mm in any VOA vials?  Yes  No NA

13. Was a trip blank present in the cooler(s)?  Yes No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other

Concerning \_\_\_\_\_

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

[Signature]

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

15. SAMPLE CONDITION

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.

Sample(s) \_\_\_\_\_ were received in a broken container.

Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.

Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> <u>pH</u>	<u>Preservative</u> <u>Added (mls)</u>	<u>Lot #</u>
MW-45-2014-S	240-37050-E-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-46-2014-S	240-37050-E-2	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-47-2014-S	240-37050-E-3	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-48-2014-S	240-37050-E-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-51-2014-S	240-37050-E-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-52-2014-S	240-37050-E-6	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-12-2014-S	240-37050-E-7	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-20-2014-S	240-37050-E-8	Plastic 500ml - with Nitric Acid	<2	_____	_____
EB-201-2014-S	240-37050-E-9	Plastic 500ml - with Nitric Acid	<2	_____	_____



**TestAmerica**

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-37110 Chain of Custody

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Regulatory Program:  DW  NPDES  RCRA  Other:

Client Contact		Project Manager: <b>Jim Peoples</b>		Site Contact: <b>Geena Probst</b>		Date: <b>5/18/14</b>		COC No. <b>1</b> of <b>2</b> COCs	
Company Name: <b>TAM ASSOCIATES</b>		Lab Contact: <b>Josh Makin</b>		Carrier: <b>fed ex</b>				Sampler:	
Address: <b>4675 LAKEHURST CT, SUITE 250</b>		Analysis Turnaround Time		Perform MS / MSD ( Y / N )				For Lab Use Only:	
City/State/Zip: <b>COLUMBUS, OHIO, 43016</b>		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Filtered Sample ( Y )				Walk-in Client:	
Phone: <b>614-339-3380</b>		TAT if different from Below		Matrix				Lab Sampling:	
Fax: <b>614-389-7082</b>		<input checked="" type="checkbox"/> 2 weeks		# of Cont.				Job / SDG No.:	
Project Name: <b>MERITOR GEORGETOWN</b>		<input type="checkbox"/> 1 week		Sample Type (C-Comp, G-Grab)					
Site: <b>Georgetown, MS</b>		<input type="checkbox"/> 2 days		Sample Time					
P.O.#: <b>MEAT-00070</b>		<input type="checkbox"/> 1 day		Sample Date					
Sample Identification	Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Sample Specific Notes:			
RT-5-2014-S	5/18/14	0930	G	H <sub>2</sub> O	2	(2 Containers)			
RT-4-2014-S		1000	G	H <sub>2</sub> O	1				
RT-2-2014-S		1030	G	H <sub>2</sub> O	1				
RT-1-2014-S		1100	G	H <sub>2</sub> O	1				
FD-02-2014-S		0900	G	H <sub>2</sub> O	1				
SN-17-2014-S		1310	G	H <sub>2</sub> O	1				
SN-9-2014-S		1350	G	H <sub>2</sub> O	1				
SN-19-2014-S		1515	G	H <sub>2</sub> O	1				
SN-12-2014-S		1540	G	H <sub>2</sub> O	2				
SN-2-2014-S		1605	G	H <sub>2</sub> O	1				
FD-03-SN-2014-S		1200	G	H <sub>2</sub> O	1				
EB-301-6N		1130	G	H <sub>2</sub> O	1				

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

**All Times Central**

Custody Seal No.:	Cooler Temp. (°C):	Obs'd:	Corr'd:	Therm ID No.:
Relinquished by: <b>Andy K Paul</b>	Received by: <b>Geena Probst</b>	Company: <b>Test America</b>	Company: <b>Test America</b>	Date/Time: <b>5/20/14 800</b>
Relinquished by:	Received by:	Company:	Company:	Date/Time:
Relinquished by:	Received in Laboratory by:	Company:	Company:	Date/Time:



Regulatory Program:  DW  NPDES  RCRA  Other:

Client Contact		Project Manager: <b>JIM PEOPLES</b>		Site Contact: <b>Goodwin Paeis</b>		Date: <b>5/8/14</b>		COC No: <b>2</b> of <b>2</b> COCs	
Company Name: <b>TM ASSOCIATES</b>		Tel/Fax: <b>614-389-7201</b>		Lab Contact: <b>Joselyn King</b>		Carrier: <b>FedEx</b>			
Address: <b>4675 Lakeside Ct Ste 200</b>		Analysis Turnaround Time		Perform MS/MSD (Y/N)					
City/State/Zip: <b>Columbus, OH 43016</b>		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Filtered Sample (Y/N)					
Phone: <b>614-339-3390</b>		TAT if different from Below							
Fax: <b>614-389-7082</b>		<input checked="" type="checkbox"/> 2 weeks							
Project Name: <b>Neutral Ground</b>		<input type="checkbox"/> 1 week							
Site: <b>GRAND MS</b>		<input type="checkbox"/> 2 days							
P.O.#: <b>MERT-00070</b>		<input type="checkbox"/> 1 day							
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes:			
EB-302-SW	5/8/14	1620	G	H2O	1				
EB-303-SD		1630	G	SOIL	1				
SD-17-2014-S		1315	G	SOIL	1				
SD-9-2014-S		1400	G	SOIL	1				
SD-A-2014-S		1520	G	SOIL	1				
SD-12-2014-S		1545	G	SOIL	2				
SD-7-2014-S		1610	G	SOIL	1				
FD-04-SD-2014S		12:5	G	SOIL	1				
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months									
Special Instructions/QC Requirements & Comments: <b>All Times Contain</b> Custody Seal No.: <input type="checkbox"/> Yes <input type="checkbox"/> No Relinquished by: <b>Dale K DeL</b> Relinquished by: <b>JM Associates</b> Date/Time: <b>5/8/14 1900</b> Date/Time: <b>5/8/14 809</b> Company: <b>Test America</b> Company: <b>Test America</b> Received in Laboratory by: <b>Goodwin Paeis</b> Received in Laboratory by: <b>Goodwin Paeis</b> Date/Time: <b>5/8/14</b> Date/Time: <b>5/8/14</b> Company: <b>Test America</b> Company: <b>Test America</b> Therm ID No.: _____ Date/Time: _____ Date/Time: _____ Date/Time: _____ Date/Time: _____									



Client TEM Associates Site Name \_\_\_\_\_

Cooler unpacked by:  
[Signature]

Cooler Received on 5/9/14 Opened on 5/9/14

FedEx:  Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other \_\_\_\_\_

TestAmerica Cooler # \_\_\_\_\_ Foam Box Client Cooler Box Other \_\_\_\_\_

Packing material used: Bubble Wrap Foam Plastic Bag None Other \_\_\_\_\_

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt
- |                      |                                     |                                      |   |
|----------------------|-------------------------------------|--------------------------------------|---|
| IR GUN# A (CF +0 °C) | Observed Cooler Temp. <u>2.0</u> °C | Corrected Cooler Temp. <u>2.0</u> °C | <input type="checkbox"/> See Multiple Cooler Form |
| IR GUN# 4 (CF -1 °C) | Observed Cooler Temp. _____ °C      | Corrected Cooler Temp. _____ °C      |   |
| IR GUN# 5 (CF +1 °C) | Observed Cooler Temp. _____ °C      | Corrected Cooler Temp. _____ °C      |   |
| IR GUN# 8 (CF +1 °C) | Observed Cooler Temp. _____ °C      | Corrected Cooler Temp. _____ °C      |   |

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1  Yes  No
- Were custody seals on the outside of the cooler(s) signed & dated?  Yes  No NA
- Were custody seals on the bottle(s)?  Yes  No
3. Shippers' packing slip attached to the cooler(s)?  Yes  No
4. Did custody papers accompany the sample(s)?  Yes  No
5. Were the custody papers relinquished & signed in the appropriate place?  Yes  No

6. Did all bottles arrive in good condition (Unbroken)?  Yes  No
7. Could all bottle labels be reconciled with the COC?  Yes  No
8. Were correct bottle(s) used for the test(s) indicated?  Yes  No
9. Sufficient quantity received to perform indicated analyses?  Yes  No
10. Were sample(s) at the correct pH upon receipt? Yes  No  NA pH Strip Lot# HC391902
11. Were VOAs on the COC? Yes  No  NA
12. Were air bubbles >6 mm in any VOA vials? Yes  No  NA
13. Was a trip blank present in the cooler(s)? Yes  No  NA

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other \_\_\_\_\_  
Concerning \_\_\_\_\_

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:  
[Signature]

12 5/9/14  
~~Did not receive SD-9-2014-S and received 3x SD-12-2014-S, only~~  
& marked on COC

15. SAMPLE CONDITION

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.

Sample(s) \_\_\_\_\_ were received in a broken container.

Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.

Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-37135 Chain of Custody



Regulatory Program:  DW  NPDES  RCRA  Other:

Client Contact  
Company Name: **TUM ASSOCIATES**  
Address: **4475 Inverness Ct Suite 250**  
City/State/Zip: **COLUMBUS, OH 43016**  
Phone: **614-389-3380**  
Fax: **614-389-7082**  
Project Name: **MEETING - GREENWAMP**  
Site: **GREENWAMP MS**  
P.O.#: **None-00070**

Project Manager: **Jim Peeples**  
Tel/Fax: **614-288-7201**  
Analysis Turnaround Time  
 CALENDAR DAYS  WORKING DAYS  
TAT if different from Below  
 2 weeks  
 1 week  
 2 days  
 1 day

Site Contact: **Gregory Pearson** Date: **5/13/14**  
Lab Contact: **Joselyn McKinney** Carrier: **FD600**

Sample Identification	Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:	
								DP, M, Cr (none)	SVCS (0270 C)
RT-5-2014-S	5/8/14	0930	G	H <sub>2</sub> O	4	N	Y		
RT-4-2014-S		1000	G	H <sub>2</sub> O	2	N	Y		
RT-2-2014-S		1030	G	H <sub>2</sub> O	2	N	Y		
RT-1-2014-S		1100	G	H <sub>2</sub> O	1	N	Y		
FD-02-2014-S		0900	G	H <sub>2</sub> O	2	N	Y		
SN-17-2014-S		1310	G	H <sub>2</sub> O	1	N	Y		
SN-9-2014-S		1350	G	H <sub>2</sub> O	1	N	Y		
SN-19-2014-S		1515	G	H <sub>2</sub> O	1	N	Y		
SN-12-2014-S		1540	G	H <sub>2</sub> O	2	N	Y		
SN-22-2014-S		1605	G	H <sub>2</sub> O	1	N	Y		
FD-03-SN-2014-S		1200	G	H <sub>2</sub> O	1	N	Y		
EB-301-6N		1130	G	H <sub>2</sub> O	2	N	Y		

Preservation Used:  Ice,  HCl,  HNO<sub>3</sub>,  H<sub>2</sub>SO<sub>4</sub>,  H<sub>2</sub>O<sub>2</sub>,  5-NaOH,  Other

Possible Hazard Identification:  
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
 Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months

Special Instructions/QC Requirements & Comments:  
**ALL TIMES CENTRAL**

Custody Seal No.: \_\_\_\_\_  
Custody Seal Intact:  Yes  No

Relinquished by: **Derek Paul** Date/Time: **5/14/14 1900**  
Relinquished by: **JTM ASSOCIATES** Date/Time: **5/14/14 1000**  
Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Received in Laboratory by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Therm ID No.: \_\_\_\_\_  
Cooler Temp. (°C): \_\_\_\_\_ Obs'd: \_\_\_\_\_  
Company: **JTM** Corrd: \_\_\_\_\_  
Company: \_\_\_\_\_  
Company: \_\_\_\_\_



North Canton, OH 44720  
Phone: 330.497.9396 Fax: 330.497.0772  
Client Contact  
Company Name: TJM Associates  
Address: 4675 Lindenbush Dr SW 250  
City/State/Zip: Columbus, OH 43016  
Phone: 614-339-3380  
Fax: 614-389-7082  
Project Name: Heritage-Greenwood  
Site: Greenwood, MS  
P.O.#: MERT-00070

Regulatory Program:  DW  NPDES  RCRA  Other:

Project Manager: Jim Peoples  
Tel/Fax: 614-288-7201  
Analysis Turnaround Time  
CALENDAR DAYS  WORKING DAYS  
TAT if different from Below  
 2 weeks  
 1 week  
 2 days  
 1 day

COC No: 2 of 2 COCs

Site Contact: George Bartz, Jr.  
Lab Contact: Joseph McLanney  
Carrier: Fed Ex  
For Lab Use Only:  
Walk-in Client:  
Lab Sampling:  
Job / SDG No.:

Perform MS / MSD (Y / N)  
Filtered Sample (Y / N)

Pb, As, Cr (cons)  
Sample Identification  
Sample Date  
Sample Type  
Sample Time  
Matrix  
# of Cont.

EB-302-SN	5/8/14	1620	G	A20	1	N	N	X
EB-303-SD	5/8/14	1630	G	H2O	1	N	N	X

Sample Specific Notes:

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other  
Possible Hazard Identification:  
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.  
 Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown  
 Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months

Special Instructions/QC Requirements & Comments:  
Aurion Control  
Custody Seal No.:  
Received by: Dundak Paul  
Date/Time: 5/8/14 1900  
Company: TJM Associates  
Received by: [Signature]  
Date/Time: [Blank]  
Company: [Blank]  
Received in Laboratory by:  
Date/Time: [Blank]  
Company: [Blank]

Client TAM Site Name

Cooler unpacked by:

Cooler Received on 5-9-14 Opened on 5-9-14

*[Signature]*

FedEx: 1st Grd  UPS FAS Stetson Client Drop Off TestAmerica Courier Other

TestAmerica Cooler # Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A (CF +0 °C) Observed Cooler Temp. 1.2 °C Corrected Cooler Temp. 1.2 °C

IR GUN# 4 (CF -1 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C

See Multiple

IR GUN# 5 (CF +1 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C

Cooler Form

IR GUN# 8 (CF +1 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1  Yes No

-Were custody seals on the outside of the cooler(s) signed & dated?  Yes No NA

-Were custody seals on the bottle(s)?  Yes  No

3. Shippers' packing slip attached to the cooler(s)?  Yes No

4. Did custody papers accompany the sample(s)?  Yes No

5. Were the custody papers relinquished & signed in the appropriate place?  Yes No

6. Did all bottles arrive in good condition (Unbroken)?  Yes No

7. Could all bottle labels be reconciled with the COC?  Yes No

8. Were correct bottle(s) used for the test(s) indicated?  Yes No

9. Sufficient quantity received to perform indicated analyses?  Yes No

10. Were sample(s) at the correct pH upon receipt?  Yes No NA pH Strip Lot# HC391902

11. Were VOAs on the COC?  Yes  No

12. Were air bubbles >6 mm in any VOA vials?  Yes No  NA

13. Was a trip blank present in the cooler(s)?  Yes  No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other

Concerning

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

*[Signature]*

RT-5 COC = 4 containers rec'd 5

15. SAMPLE CONDITION

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.

Sample(s) \_\_\_\_\_ were received in a broken container.

Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

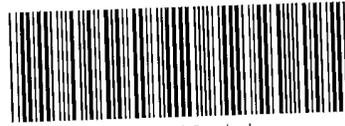
Sample(s) \_\_\_\_\_ were further preserved in the laboratory.

Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container pH</u>	<u>Preservative Added (mls)</u>	<u>Lot #</u>
RT-5-2014-S	240-37135-D-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
RT-5-2014-S	240-37135-E-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
RT-4-2014-S	240-37135-B-2	Plastic 500ml - with Nitric Acid	<2	_____	_____
RT-2-2014-S	240-37135-B-3	Plastic 500ml - with Nitric Acid	<2	_____	_____
RT-1-2014-S	240-37135-A-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
FD-02-2014-S	240-37135-B-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-17-2014-S	240-37135-A-6	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-9-2014-S	240-37135-A-7	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-19-2014-S	240-37135-A-8	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-12-2014-S	240-37135-A-9	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-12-2014-S	240-37135-B-9	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-22-2014-S	240-37135-A-10	Plastic 500ml - with Nitric Acid	<2	_____	_____
FD-03-SW-2014-S	240-37135-A-11	Plastic 500ml - with Nitric Acid	<2	_____	_____
EB-301-GW	240-37135-B-12	Plastic 500ml - with Nitric Acid	<2	_____	_____
EB-302-SW	240-37135-A-13	Plastic 500ml - with Nitric Acid	<2	_____	_____
EB-303-SD	240-37135-A-14	Plastic 500ml - with Nitric Acid	<2	_____	_____

**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-37154 Chain of Custody



2-4

Regulatory Program:  DW  NPDES  RCRA  Other:

Client Contact		Project Manager: <b>Jim Pessles</b>		Site Contact: <b>Grady Paeris</b>		Date: <b>5/8/14</b>		COC No: <b>1</b> of <b>2</b> COCs	
Company Name: <b>TM Associates</b>		Tel/Fax: <b>614-288-7201</b>		Lab Contact: <b>Josie McLennan</b>		Carrier: <b>FEDEx</b>		Sampler:	
Address: <b>4675 WRENTHAM ST SUITE 20</b>		Analysis Turnaround Time		Performs MS/MSD (Y/N)		Filtered Sample (Y/N)		For Lab Use Only:	
City/State/Zip: <b>COLUMBUS, OH 43016</b>		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		<input checked="" type="checkbox"/> 2 weeks		<input checked="" type="checkbox"/> 1 week		Walk-in Client:	
Phone: <b>614-339-3380</b>		TAT if different from Below		<input type="checkbox"/> 2 days		<input type="checkbox"/> 1 day		Lab Sampling:	
Fax: <b>614-389-7882</b>		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Job / SDG No.:	
Project Name: <b>MEDICAL GAMMA</b>		Sample Date		Sample Time		Matrix		Sample Specific Notes:	
Site: <b>GRANDDAI MS</b>		Sample Date		Sample Time		# of Cont.			
P.O.#: <b>MBRT-00070</b>		Sample Date		Sample Time		Matrix			
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)			
RT-5-2014-S		5/8/14		0930		G H <sub>2</sub> O		VOCs (82608) L112	
RT-4-2014-S				1000		G H <sub>2</sub> O		VOCs (82608) L112	
RT-2-2014-S				1030		G H <sub>2</sub> O			
URT-1-2014-S				1100		G H <sub>2</sub> O			
QFD-02-2014-S				0900		G H <sub>2</sub> O			
QGB-301-GN				1130		G H <sub>2</sub> O			
QSN-17-2014-S				1310		G H <sub>2</sub> O			
QSN-9-2014-S				1350		G H <sub>2</sub> O			
SN-19-2014-S				1515		G H <sub>2</sub> O			
SN-12-2014-S				1540		G H <sub>2</sub> O			
SN-22-2014-S				1605		G H <sub>2</sub> O			
PD-03-SN-2014-S				1200		G H <sub>2</sub> O			
Preservation Used: 1=Ice, 2=HCl, 3=H <sub>2</sub> SO <sub>4</sub> , 4=HNO <sub>3</sub> , 5=NaOH, 6=Other									
Possible Hazard Identification: Please List any EPA Waste Codes for the sample, in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months									
Special Instructions/QC Requirements & Comments:									
All Times Central									
Custody Seal Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C):		Obs'd:		Therm ID No.:	
Relinquished by: <b>Derek Paul</b>		Company: <b>TM Associates</b>		Date/Time: <b>5/8/14 1000</b>		Received by: <b>Wynn Ross</b>		Company: <b>Test America</b>	
Relinquished by:		Company:		Date/Time:		Received by:		Company: <b>1000</b>	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company:	



Regulatory Program:  DW  NPDES  RCRA  Other:

Client Contact		Project Manager: Jim Purpus		Site Contact: Gordon Palmer		Date: 5/8/14		COC No: 2 of 2	
Company Name: JTM Associates		Tel/Fax: 614-288-7201		Lab Contact: Larry McIlwain		Carrier: FedEx		COCs	
Address: 4675 LREARSDALE ST S2520		Analysis Turnaround Time		Perform MS / MSD (Y / N)		Filtered Sample (Y / N)		Sample Specific Notes:	
City/State/Zip: Columbus, OH 43216		CALENDAR DAYS <input type="checkbox"/> WORKING DAYS <input type="checkbox"/>		Matrix Cont.		# of Cont.			
Phone: 614-334-9390		TAT if different from Below		Sample Type (C=Comp, G=Grab)		Sample Time		Sample Date	
Fax: 614-389-7087		<input checked="" type="checkbox"/> 2 weeks		G		1620		5/8/14	
Project Name: MERITOR GEOMAX		<input type="checkbox"/> 1 week		G		1315		5/8/14	
Site: GROMPA, MS		<input type="checkbox"/> 2 days		G		1400			
P O # MERT-00070		<input type="checkbox"/> 1 day		G		1520			
Sample Identification		Sample Date		Sample Time		Sample Type		Sample Specific Notes	
TRIP BANK		5/8/14		1620		H2O		VOCs (82608) L1-2	
EB-302-SW						H2O		VOCs (82608) L1-1	
SD-17-2014-S						SOIL		X	
SD-9-2014-S						SOIL		X	
SD-4-2014-S						SOIL		X	
SD-12-2014-S						SOIL		X	
SD-7-2014-S						SOIL		X	
FD-04-SD-2014-S						SOIL		X	
EB-303-SD						H2O		X	
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months									
Special Instructions/QC Requirements & Comments:									
All Times Correct									
Custody Seal No.:		Company: JTM Associates		Date/Time: 5/8/14 1900		Cooler Temp. (°C):		Therm ID No.:	
Relinquished by: <i>Justin R Dait</i>		Company: JTM Associates		Date/Time: 5/8/14 1000		Received by: <i>John Ross</i>		Company: Test America	
Relinquished by:		Company:		Date/Time:		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company:	



Client T&M Associates Site Name \_\_\_\_\_

Cooler unpacked by:

Cooler Received on 5/9/14 Opened on 5/9/14

*[Signature]*

FedEx: 1<sup>st</sup> Grd  Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other \_\_\_\_\_

TestAmerica Cooler # No # Foam Box Client Cooler Box Other \_\_\_\_\_

Packing material used:  Bubble Wrap Foam Plastic Bag None Other \_\_\_\_\_

COOLANT:  Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A (CF +0 °C) Observed Cooler Temp. 2.4 °C Corrected Cooler Temp. 2.4 °C

IR GUN# 4 (CF -1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

IR GUN# 5 (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

IR GUN# 8 (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

See Multiple Cooler Form

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1  Yes No

-Were custody seals on the outside of the cooler(s) signed & dated?  Yes No NA

-Were custody seals on the bottle(s)?  Yes  No

3. Shippers' packing slip attached to the cooler(s)?  Yes No

4. Did custody papers accompany the sample(s)?  Yes No

5. Were the custody papers relinquished & signed in the appropriate place?  Yes No

6. Did all bottles arrive in good condition (Unbroken)?  Yes No

7. Could all bottle labels be reconciled with the COC?  Yes No

8. Were correct bottle(s) used for the test(s) indicated?  Yes No

9. Sufficient quantity received to perform indicated analyses?  Yes No

10. Were sample(s) at the correct pH upon receipt? Yes No  NA pH Strip Lot# HC391902

11. Were VOAs on the COC?  Yes No

12. Were air bubbles >6 mm in any VOA vials? Yes  No NA

13. Was a trip blank present in the cooler(s)?  Yes No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other

Concerning \_\_\_\_\_

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: *[Signature]*

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

15. SAMPLE CONDITION

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.

Sample(s) \_\_\_\_\_ were received in a broken container.

Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.

Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

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**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



North Canton, OH 44720  
Phone: 330.497.9396 Fax: 330.497.0772

Regulatory Program:  DW  NPDES  RCRA  Other:

Company Name: <b>TAM Associates</b>		Project Manager: <b>Jim Peoples</b>	Site Contact: <b>Gordon Parish</b>	COC No: <b>1</b> of <b>1</b> COCs							
Address: <b>4675 Lakehurst Ct. Suite 250</b>		Tel/Fax: <b>614-288-7201</b>	Lab Contact: <b>Jash McKinney</b>	Carrier: <b>FedEx</b>							
City/State/Zip: <b>Columbus, Ohio 43016</b>		Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS									
Phone: <b>614-339-3380</b>		TAT if different from below _____									
Fax: <b>614-389-7082</b>		<input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day									
Project Name: <b>MEATDR GRENADA</b>		Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Cr (VI) (719A)	Pb, As, Cr (6010B)	VOCs (8260B) List 1
Site: <b>GRENADA, MS</b>		5/9/14	0910	G	H <sub>2</sub> O	5	N	N	1 1 3	1 1 3	1 1 3
P O # <b>MERT-00070</b>			1020						1 1 3	1 1 3	1 1 3
			1220						1 1 3	1 1 3	1 1 3
			1500						1 1 3	1 1 3	1 1 3
			1550						1 1 3	1 1 3	1 1 3
			1710						1 1 3	1 1 3	1 1 3
Sample Identification											
MW-11-2014-S											
MW-7-2014-S											
MW-25-2014-S											
MW-53-2014-S											
EB-401-2014-S											
MW-5-2014-S											
Trip Blank											
Page 258 of 267											

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other  
Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.  
 Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown

Special Instructions/QC Requirements & Comments:  
**All times Central time zone.**

Relinquished by: **Jim Peoples** Date/Time: **5/9/14 1746**  
Relinquished by: **Jash McKinney** Date/Time: **5/10/14 10:30 AM**

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
 Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months



**TestAmerica Canton Sample Receipt Form/Narrative** Login # : \_\_\_\_\_

**Canton Facility**

Client TAM Associates Site Name \_\_\_\_\_ Cooler unpacked by: [Signature]

Cooler Received on 5/10/14 Opened on 5/10/14

FedEx: 1<sup>st</sup> Grd  Exp  UPS  FAS  Stetson  Client Drop Off  TestAmerica Courier  Other \_\_\_\_\_

TestAmerica Cooler # L011 Foam Box  Client Cooler  Box  Other \_\_\_\_\_

Packing material used:  Bubble Wrap  Foam  Plastic Bag  None  Other \_\_\_\_\_

COOLANT:  Wet Ice  Blue Ice  Dry Ice  Water  None

- Cooler temperature upon receipt
 

IR GUN# A (CF +0 °C)	Observed Cooler Temp. <u>1.6</u> °C	Corrected Cooler Temp. <u>1.6</u> °C	<input type="checkbox"/> See Multiple Cooler Form
IR GUN# 4 (CF -1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 5 (CF +1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8 (CF +1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
- Were custody seals on the outside of the cooler(s)? If Yes Quantity 1
  - Yes  No
  - Were custody seals on the outside of the cooler(s) signed & dated?  Yes  No  NA
  - Were custody seals on the bottle(s)?  Yes  No
- Shippers' packing slip attached to the cooler(s)?  Yes  No
- Did custody papers accompany the sample(s)?  Yes  No
- Were the custody papers relinquished & signed in the appropriate place?  Yes  No
- Did all bottles arrive in good condition (Unbroken)?  Yes  No
- Could all bottle labels be reconciled with the COC?  Yes  No
- Were correct bottle(s) used for the test(s) indicated?  Yes  No
- Sufficient quantity received to perform indicated analyses?  Yes  No
- Were sample(s) at the correct pH upon receipt?  Yes  No  NA pH Strip Lot# HC302587
- Were VOAs on the COC?  Yes  No
- Were air bubbles >6 mm in any VOA vials?  Yes  No  NA
- Was a trip blank present in the cooler(s)?  Yes  No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other \_\_\_\_\_

Concerning \_\_\_\_\_

**14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES** Samples processed by: [Signature]

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**15. SAMPLE CONDITION**

Sample(s) MW-1 MW-7 C-76 were received after the recommended holding time had expired.

Sample(s) \_\_\_\_\_ were received in a broken container.

Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

**16. SAMPLE PRESERVATION**

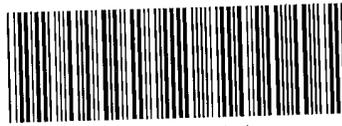
Sample(s) \_\_\_\_\_ were further preserved in the laboratory.

Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> <u>pH</u>	<u>Preservative</u> <u>Added (mls)</u>	<u>Lot #</u>
MW-11-2014-S	240-37219-E-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-7-2014-S	240-37219-E-2	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-25-2014-S	240-37219-E-3	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-53-2014-S	240-37219-E-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
EB-401-2014-S	240-37219-E-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-5-2014-S	240-37219-E-6	Plastic 500ml - with Nitric Acid	<2	_____	_____

**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-37266 Chain of Custody



9.0

**Chain of Custody Record**

TestAmerica Laboratory location: North Canton, OH 44720  
 Regulatory program:  DW  NPDES  RCRA  Other

TestAmerica Laboratories, Inc.

Company Name: **T+M Associates**      Client Project Manager: **JIM PEEPLES**      Lab Contact: **Josh McKinney**      COC No: **060003**  
 Address: **4675 Lakehurst Ct. Suite 250**      Telephone: **614-288-7201**      Telephone: **937-294-6850**      1 of 1 COCs  
 City/State/Zip: **Columbus, OH 43016**      Email: **JPeoples@tandmasociates.com**      Site Contact: **GORDON PARISH**  
 Phone: **614-339-8880**      TAT: If different from below:  3 weeks  2 weeks  1 week  2 days  1 day      Telephone: **614-406-1338**

Project Name: **MERITOR GRENADA**      Method of Shipment/Carrier: **Cooler/FedEx**      Analysis Turnaround Time (for BSL days):  
 Project Number: **MERT-00070**      Shipping/Tracking No:  
 PO #

Sample Identification	Sample Date	Sample Time	Matrix							Other:	Filtered Sample (Y/N)	Composite (C/Grab/G)	Analyses					Sample Specific Notes / Special Instructions:							
			Air	Aqueous	Sediment	Soil	Other:	H2SO4	HNO3				HCl	NaOH	ZnAc/NaOH	Unpres	Other:		VOCs (8260B) List 1	VOCs (8260B) List 2	Pb, As, Cr (6010B)	Se (6010B)	SVOCs (8270C)		
MW-8-2014-S	5/12/14	0940	X						1	3															
MW-23-2014-S		1020	X						2	3															
MW-13-2014-S		1055	X						1	3															
MW-16-2014-S		1130	X						1	3															
<del>EW-501-2014-S</del>		1200	X						1	3															
<del>MW-54-2014-S</del>		1240	X						1	3															
MW-10-2014-S		1400	X						1	3															
MW-9-2014-S		1610	X						1	3															
Trip Blank			X							2															

Possible Hazard Identification:  Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown  Disposal By Lab  Archive For \_\_\_\_\_ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month):  Return to Client  Disposal By Lab

All times central time zone

Relinquished by: *M. Joy*      Date/Time: **5/12/14 1700**      Received by: *John Rott*      Date/Time: **5/12/14 0840**  
 Company: **T+M Associates**      Company: **Test America**

Relinquished by: \_\_\_\_\_      Date/Time: \_\_\_\_\_      Received in Laboratory by: \_\_\_\_\_      Date/Time: \_\_\_\_\_

TestAmerica Canton Sample Receipt Form/Narrative

Login # : 312.00

Canton Facility

Client TAM Associates Site Name \_\_\_\_\_

Cooler unpacked by:

Cooler Received on 5/13/14 Opened on 5/13/14

Ryan Ross

FedEx: 1<sup>st</sup> Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other \_\_\_\_\_

TestAmerica Cooler # \_\_\_\_\_ Foam Box Client Cooler Box Other \_\_\_\_\_

Packing material used: Bubble Wrap Foam Plastic Bag None Other \_\_\_\_\_

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A (CF +0 °C) Observed Cooler Temp. 0.8 °C Corrected Cooler Temp. 0.8 °C

IR GUN# 4 (CF -1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

IR GUN# 5 (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

IR GUN# 8 (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

See Multiple Cooler Form

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity \_\_\_\_\_ Yes No

-Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA

-Were custody seals on the bottle(s)? Yes No

3. Shippers' packing slip attached to the cooler(s)? Yes No

4. Did custody papers accompany the sample(s)? Yes No

5. Were the custody papers relinquished & signed in the appropriate place? Yes No

6. Did all bottles arrive in good condition (Unbroken)? Yes No

7. Could all bottle labels be reconciled with the COC? Yes No

8. Were correct bottle(s) used for the test(s) indicated? Yes No

9. Sufficient quantity received to perform indicated analyses? Yes No

10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC302587

11. Were VOAs on the COC? Yes No

12. Were air bubbles >6 mm in any VOA vials? Yes No NA

13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other \_\_\_\_\_

Concerning \_\_\_\_\_

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

TAM

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

15. SAMPLE CONDITION

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.

Sample(s) \_\_\_\_\_ were received in a broken container.

Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.

Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

Temperature readings: \_\_\_\_\_

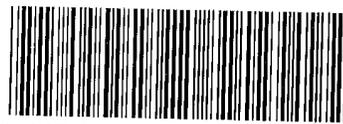
<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> pH	<u>Preservative</u> Added (mls)	<u>Lot #</u>
MW-8-2014-S	240-37266-E-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-23-2014-S	240-37266-F-2	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-13-2014-S	240-37266-E-3	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-16-2014-S	240-37266-E-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
EB-501-2014-S	240-37266-F-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-54-2014-S	240-37266-E-6	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-10-2014-S	240-37266-E-7	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-9-2014-S	240-37266-E-8	Plastic 500ml - with Nitric Acid	<2	_____	_____

**TestAmerica**

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

# CHAIN OF CUSTODY AND RECEIVING DOCUMENTS



240-37489 Chain of Custody



1.4

TestAmerica Laboratory location:  
Regulatory program:  DW  NPDES  RCRA  Other

Client Contact		Company Name: <b>T+M Associates</b>		Client Project Manager: <b>Jim Peeples</b>		Site Contact: <b>Gordon Parish</b>		Lab Contact: <b>Josh McKinney</b>		COC No: <b>060004</b>	
Address: <b>4675 Lakehurst Ct. Suite 250</b>		Telephone: <b>614-288-7201</b>		Telephone: <b>614-406-1358</b>		Telephone: <b>937-294-6856</b>		Telephone: <b>937-294-6856</b>		1 of 1 COCs	
City/State/Zip: <b>Columbus, OH 43016</b>		Email: <b>JPeeples@tandmassociates.com</b>		Analysis Turnaround Time (BUS days): TAT if different from below: <input type="checkbox"/> 3 weeks <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N)		Walk-in client: <input type="checkbox"/>		For lab use only	
Project Name: <b>MERTOR - GRENADA</b>		Method of Shipment/Carrier: <b>Fed Ex</b>		Matrix: Aqueous <input type="checkbox"/> Sediment <input type="checkbox"/> Solid <input type="checkbox"/> Other: <input type="checkbox"/>		Containers & Preservatives: H2SO4 <input type="checkbox"/> HNO3 <input type="checkbox"/> HCl <input type="checkbox"/> NaOH <input type="checkbox"/> ZnAc <input type="checkbox"/> Unpres <input type="checkbox"/> Other: <input type="checkbox"/>		Lab pickup: <input type="checkbox"/>		Lab sampling: <input type="checkbox"/>	
Project Number: <b>MERT-00090</b>		Shipping/Tracking No:		Sample Date		Sample Time		Job/SDG No:		Sample Specific Notes / Special Instructions:	
P.O.#											
Sample Identification		Sample Date		Sample Time		Matrix		Containers & Preservatives		Special Instructions	
EB-661-051514		5/15/14		0730		X		3		X	
ED-601-051514				0715		X		3		X	
VP-107-051514				0745		X		3		X	
VP-103-051514				0800		X		3		X	
VP-108-051514				0815		X		3		X	
VP-107-051514				0820		X		3		X	
VP-110-051514				0825		X		3		X	
VP-106-051514				0835		X		3		X	
VP-112-051514				0845		X		3		X	
VP-114-051514				0850		X		3		X	
MW-48-2014-SR				1015		X		3		X	
MW-47-2014-SR				1045		X		3		X	
TRIP BLANKS				no time		X		2		X	
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard		<input type="checkbox"/> Flammable		<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Poison B		<input type="checkbox"/> Unknown	
Special Instructions/OC Requirements & Comments:										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Relinquished by: <b>Tom Page</b>		Company: <b>T+M Associates</b>		Date/Time: <b>5/16/14 1030</b>		Received by: <b>Josh McKinney</b>		Company: <b>T+M Associates</b>		Date/Time: <b>5-17-14 9:30</b>	
Relinquished by:		Company:		Date/Time:		Received by:		Company:		Date/Time:	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company:		Date/Time:	



**TestAmerica Canton Sample Receipt Form/Narrative**

Login # : 37489

**Canton Facility**

Client T&M Associates Site Name \_\_\_\_\_ Cooler unpacked by: [Signature]

Cooler Received on 5-17-14 Opened on 5-17-14

FedEx: 1<sup>st</sup> Grd  UPS FAS Stetson Client Drop Off TestAmerica Courier Other \_\_\_\_\_

TestAmerica Cooler # \_\_\_\_\_ Foam Box  Client Cooler Box Other \_\_\_\_\_

Packing material used: Bubble Wrap Foam Plastic Bag None Other \_\_\_\_\_

COOLANT: ~~Wet Ice~~ Blue Ice Dry Ice Water None

- Cooler temperature upon receipt
 

IR GUN# A (CF +0 °C)	Observed Cooler Temp. <u>1.4</u> °C	Corrected Cooler Temp. <u>1.4</u> °C	<input type="checkbox"/> See Multiple Cooler Form
IR GUN# 4 (CF -1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 5 (CF +1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8 (CF +1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
- Were custody seals on the outside of the cooler(s)? If Yes Quantity 1  Yes  No
  - Were custody seals on the outside of the cooler(s) signed & dated?  Yes  No NA
  - Were custody seals on the bottle(s)?  Yes  No
- Shippers' packing slip attached to the cooler(s)?  Yes  No
- Did custody papers accompany the sample(s)?  Yes  No
- Were the custody papers relinquished & signed in the appropriate place?  Yes  No
- Did all bottles arrive in good condition (Unbroken)?  Yes  No
- Could all bottle labels be reconciled with the COC?  Yes  No
- Were correct bottle(s) used for the test(s) indicated?  Yes  No
- Sufficient quantity received to perform indicated analyses?  Yes  No
- Were sample(s) at the correct pH upon receipt? Yes No  NA pH Strip Lot# HC302587
- Were VOAs on the COC?  Yes  No
- Were air bubbles >6 mm in any VOA vials? Yes  No NA
- Was a trip blank present in the cooler(s)?  Yes  No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other \_\_\_\_\_

Concerning \_\_\_\_\_

**14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES**

Samples processed by: [Signature]

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**15. SAMPLE CONDITION**

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.

Sample(s) \_\_\_\_\_ were received in a broken container.

Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

**16. SAMPLE PRESERVATION**

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.

Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton  
4101 Shuffel Street NW  
North Canton, OH 44720  
Tel: (330)497-9396

TestAmerica Job ID: 240-37050-1  
Client Project/Site: MERT-00070  
Revision: 1

For:

T&M Associates  
4675 Lakehurst Court  
Suite 250  
Columbus, Ohio 43016

Attn: Jim Peebles



Authorized for release by:  
6/9/2014 1:57:43 PM

Josh McKinney, Project Manager II  
(937)294-6856  
[josh.mckinney@testamericainc.com](mailto:josh.mckinney@testamericainc.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

- 1
- 2
- 3
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- 13
- 14



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# Definitions/Glossary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

## Qualifiers

### General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
F1	MS and/or MSD Recovery exceeds the control limits

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

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**Job ID: 240-37050-1**

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**Laboratory: TestAmerica Canton**

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**Narrative**

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**Job Narrative**  
**240-37050-1**

**Comments**

No additional comments.

**Receipt**

The samples were received on 5/8/2014 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8° C.

**GC/MS VOA**

Method(s) 8260B: The following sample(s) was unable to be prepared and/or analyzed because the sample vials were broken due to freezing while stored in MSV refrigerator : MW-47-2014-S (240-37050-3), MW-48-2014-S (240-37050-4). Samples to be re-collected by client.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Metals**

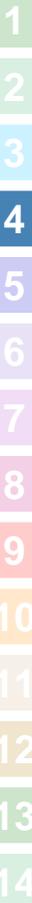
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**General Chemistry**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**VOA Prep**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



# Method Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
6010B	Metals (ICP)	SW846	TAL CAN
7196A	Chromium, Hexavalent	SW846	TAL CAN

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

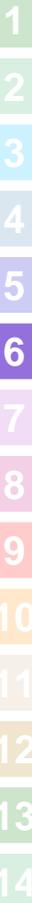
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# Sample Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-37050-1	MW-45-2014-S	Water	05/07/14 10:50	05/08/14 08:00
240-37050-2	MW-46-2014-S	Water	05/07/14 11:35	05/08/14 08:00
240-37050-3	MW-47-2014-S	Water	05/07/14 08:30	05/08/14 08:00
240-37050-4	MW-48-2014-S	Water	05/07/14 09:20	05/08/14 08:00
240-37050-5	MW-51-2014-S	Water	05/07/14 09:50	05/08/14 08:00
240-37050-6	MW-52-2014-S	Water	05/07/14 09:05	05/08/14 08:00
240-37050-7	MW-12-2014-S	Water	05/07/14 15:30	05/08/14 08:00
240-37050-8	MW-20-2014-S	Water	05/07/14 15:40	05/08/14 08:00
240-37050-9	EB-201-2014-S	Water	05/07/14 16:00	05/08/14 08:00
240-37050-10	TB-201-2014S	Water	05/07/14 00:00	05/08/14 08:00



# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

## Client Sample ID: MW-45-2014-S

Lab Sample ID: 240-37050-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	19000		1000		ug/L	1000		8260B	Total/NA
Trichloroethene	13000		1000		ug/L	1000		8260B	Total/NA
Vinyl chloride	1900		1000		ug/L	1000		8260B	Total/NA
Chromium	350		5.0		ug/L		1	6010B	Total
Cr (VI)	0.38		0.020		mg/L		1	7196A	Recoverable Total/NA

## Client Sample ID: MW-46-2014-S

Lab Sample ID: 240-37050-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3000		200		ug/L	200		8260B	Total/NA
Trichloroethene	6300		200		ug/L	200		8260B	Total/NA

## Client Sample ID: MW-47-2014-S

Lab Sample ID: 240-37050-3

No Detections.

## Client Sample ID: MW-48-2014-S

Lab Sample ID: 240-37050-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	74		10		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-51-2014-S

Lab Sample ID: 240-37050-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1500		500		ug/L	500		8260B	Total/NA
Trichloroethene	7900		500		ug/L	500		8260B	Total/NA
Chromium	51		5.0		ug/L		1	6010B	Total Recoverable
Cr (VI)	0.062		0.020		mg/L		1	7196A	Total/NA

## Client Sample ID: MW-52-2014-S

Lab Sample ID: 240-37050-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1100		500		ug/L	500		8260B	Total/NA
Trichloroethene	4200		500		ug/L	500		8260B	Total/NA

## Client Sample ID: MW-12-2014-S

Lab Sample ID: 240-37050-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	9.2		1.0		ug/L	1		8260B	Total/NA
Chromium	5.3		5.0		ug/L		1	6010B	Total Recoverable
Lead	3.9		3.0		ug/L		1	6010B	Total Recoverable

## Client Sample ID: MW-20-2014-S

Lab Sample ID: 240-37050-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	390		17		ug/L	16.67		8260B	Total/NA
Trichloroethene	370		17		ug/L	16.67		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

## Client Sample ID: MW-20-2014-S (Continued)

Lab Sample ID: 240-37050-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	5.1		5.0		ug/L	1		6010B	Total Recoverable
Lead	6.7		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: EB-201-2014-S

Lab Sample ID: 240-37050-9

No Detections.

## Client Sample ID: TB-201-2014S

Lab Sample ID: 240-37050-10

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton



# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

**Client Sample ID: MW-45-2014-S**

**Lab Sample ID: 240-37050-1**

**Date Collected: 05/07/14 10:50**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1000		ug/L			05/16/14 15:03	1000
1,1-Dichloroethene	ND		1000		ug/L			05/16/14 15:03	1000
1,2-Dichloroethane	ND		1000		ug/L			05/16/14 15:03	1000
Benzene	ND		1000		ug/L			05/16/14 15:03	1000
<b>cis-1,2-Dichloroethene</b>	<b>19000</b>		1000		ug/L			05/16/14 15:03	1000
Tetrachloroethene	ND		1000		ug/L			05/16/14 15:03	1000
Toluene	ND		1000		ug/L			05/16/14 15:03	1000
<b>Trichloroethene</b>	<b>13000</b>		1000		ug/L			05/16/14 15:03	1000
<b>Vinyl chloride</b>	<b>1900</b>		1000		ug/L			05/16/14 15:03	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		05/16/14 15:03	1000
4-Bromofluorobenzene (Surr)	93		66 - 120		05/16/14 15:03	1000
Toluene-d8 (Surr)	89		74 - 120		05/16/14 15:03	1000
Dibromofluoromethane (Surr)	103		75 - 121		05/16/14 15:03	1000

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 19:48	1
<b>Chromium</b>	<b>350</b>		5.0		ug/L		05/09/14 07:15	05/12/14 19:48	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 19:48	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Cr (VI)</b>	<b>0.38</b>		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

**Client Sample ID: MW-46-2014-S**

**Lab Sample ID: 240-37050-2**

**Date Collected: 05/07/14 11:35**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		200		ug/L			05/14/14 12:34	200
1,1-Dichloroethene	ND		200		ug/L			05/14/14 12:34	200
1,2-Dichloroethane	ND		200		ug/L			05/14/14 12:34	200
Benzene	ND		200		ug/L			05/14/14 12:34	200
<b>cis-1,2-Dichloroethene</b>	<b>3000</b>		200		ug/L			05/14/14 12:34	200
Tetrachloroethene	ND		200		ug/L			05/14/14 12:34	200
Toluene	ND		200		ug/L			05/14/14 12:34	200
<b>Trichloroethene</b>	<b>6300</b>		200		ug/L			05/14/14 12:34	200
Vinyl chloride	ND		200		ug/L			05/14/14 12:34	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		63 - 129		05/14/14 12:34	200
4-Bromofluorobenzene (Surr)	79		66 - 120		05/14/14 12:34	200
Toluene-d8 (Surr)	89		74 - 120		05/14/14 12:34	200
Dibromofluoromethane (Surr)	85		75 - 121		05/14/14 12:34	200

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:16	1
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 20:16	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:16	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

**Client Sample ID: MW-47-2014-S**

**Lab Sample ID: 240-37050-3**

**Date Collected: 05/07/14 08:30**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:20	1
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 20:20	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:20	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			05/08/14 09:53	1

- 1
- 2
- 3
- 4
- 5
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- 7
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- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

**Client Sample ID: MW-48-2014-S**

**Lab Sample ID: 240-37050-4**

Date Collected: 05/07/14 09:20

Matrix: Water

Date Received: 05/08/14 08:00

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	74		10		ug/L		05/09/14 07:15	05/12/14 20:24	1
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 20:24	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:24	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

- 1
- 2
- 3
- 4
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- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

**Client Sample ID: MW-51-2014-S**

**Lab Sample ID: 240-37050-5**

**Date Collected: 05/07/14 09:50**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		500		ug/L			05/16/14 15:52	500
1,1-Dichloroethene	ND		500		ug/L			05/16/14 15:52	500
1,2-Dichloroethane	ND		500		ug/L			05/16/14 15:52	500
Benzene	ND		500		ug/L			05/16/14 15:52	500
<b>cis-1,2-Dichloroethene</b>	<b>1500</b>		500		ug/L			05/16/14 15:52	500
Tetrachloroethene	ND		500		ug/L			05/16/14 15:52	500
Toluene	ND		500		ug/L			05/16/14 15:52	500
<b>Trichloroethene</b>	<b>7900</b>		500		ug/L			05/16/14 15:52	500
Vinyl chloride	ND		500		ug/L			05/16/14 15:52	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		05/16/14 15:52	500
4-Bromofluorobenzene (Surr)	93		66 - 120		05/16/14 15:52	500
Toluene-d8 (Surr)	89		74 - 120		05/16/14 15:52	500
Dibromofluoromethane (Surr)	103		75 - 121		05/16/14 15:52	500

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:28	1
<b>Chromium</b>	<b>51</b>		5.0		ug/L		05/09/14 07:15	05/12/14 20:28	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:28	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Cr (VI)</b>	<b>0.062</b>		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

**Client Sample ID: MW-52-2014-S**

**Lab Sample ID: 240-37050-6**

**Date Collected: 05/07/14 09:05**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		500		ug/L			05/16/14 16:14	500
1,1-Dichloroethene	ND		500		ug/L			05/16/14 16:14	500
1,2-Dichloroethane	ND		500		ug/L			05/16/14 16:14	500
Benzene	ND		500		ug/L			05/16/14 16:14	500
<b>cis-1,2-Dichloroethene</b>	<b>1100</b>		500		ug/L			05/16/14 16:14	500
Tetrachloroethene	ND		500		ug/L			05/16/14 16:14	500
Toluene	ND		500		ug/L			05/16/14 16:14	500
<b>Trichloroethene</b>	<b>4200</b>		500		ug/L			05/16/14 16:14	500
Vinyl chloride	ND		500		ug/L			05/16/14 16:14	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		05/16/14 16:14	500
4-Bromofluorobenzene (Surr)	87		66 - 120		05/16/14 16:14	500
Toluene-d8 (Surr)	92		74 - 120		05/16/14 16:14	500
Dibromofluoromethane (Surr)	106		75 - 121		05/16/14 16:14	500

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:32	1
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 20:32	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:32	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

**Client Sample ID: MW-12-2014-S**

**Lab Sample ID: 240-37050-7**

**Date Collected: 05/07/14 15:30**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/16/14 16:36	1
1,1-Dichloroethene	ND		1.0		ug/L			05/16/14 16:36	1
1,2-Dichloroethane	ND		1.0		ug/L			05/16/14 16:36	1
Benzene	ND		1.0		ug/L			05/16/14 16:36	1
<b>cis-1,2-Dichloroethene</b>	<b>9.2</b>		1.0		ug/L			05/16/14 16:36	1
Tetrachloroethene	ND		1.0		ug/L			05/16/14 16:36	1
Toluene	ND		1.0		ug/L			05/16/14 16:36	1
Trichloroethene	ND		1.0		ug/L			05/16/14 16:36	1
Vinyl chloride	ND		1.0		ug/L			05/16/14 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 129		05/16/14 16:36	1
4-Bromofluorobenzene (Surr)	87		66 - 120		05/16/14 16:36	1
Toluene-d8 (Surr)	92		74 - 120		05/16/14 16:36	1
Dibromofluoromethane (Surr)	104		75 - 121		05/16/14 16:36	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:36	1
<b>Chromium</b>	<b>5.3</b>		5.0		ug/L		05/09/14 07:15	05/12/14 20:36	1
<b>Lead</b>	<b>3.9</b>		3.0		ug/L		05/09/14 07:15	05/12/14 20:36	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

**Client Sample ID: MW-20-2014-S**

**Lab Sample ID: 240-37050-8**

**Date Collected: 05/07/14 15:40**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		17		ug/L			05/21/14 13:47	16.67
1,1-Dichloroethene	ND		17		ug/L			05/21/14 13:47	16.67
1,2-Dichloroethane	ND		17		ug/L			05/21/14 13:47	16.67
Benzene	ND		17		ug/L			05/21/14 13:47	16.67
<b>cis-1,2-Dichloroethene</b>	<b>390</b>		17		ug/L			05/21/14 13:47	16.67
Tetrachloroethene	ND		17		ug/L			05/21/14 13:47	16.67
Toluene	ND		17		ug/L			05/21/14 13:47	16.67
<b>Trichloroethene</b>	<b>370</b>		17		ug/L			05/21/14 13:47	16.67
Vinyl chloride	ND		17		ug/L			05/21/14 13:47	16.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		05/21/14 13:47	16.67
4-Bromofluorobenzene (Surr)	81		66 - 120		05/21/14 13:47	16.67
Toluene-d8 (Surr)	91		74 - 120		05/21/14 13:47	16.67
Dibromofluoromethane (Surr)	101		75 - 121		05/21/14 13:47	16.67

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:40	1
<b>Chromium</b>	<b>5.1</b>		5.0		ug/L		05/09/14 07:15	05/12/14 20:40	1
<b>Lead</b>	<b>6.7</b>		3.0		ug/L		05/09/14 07:15	05/12/14 20:40	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

**Client Sample ID: EB-201-2014-S**

**Lab Sample ID: 240-37050-9**

**Date Collected: 05/07/14 16:00**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/16/14 16:59	1
1,1-Dichloroethene	ND		1.0		ug/L			05/16/14 16:59	1
1,2-Dichloroethane	ND		1.0		ug/L			05/16/14 16:59	1
Benzene	ND		1.0		ug/L			05/16/14 16:59	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/16/14 16:59	1
Tetrachloroethene	ND		1.0		ug/L			05/16/14 16:59	1
Toluene	ND		1.0		ug/L			05/16/14 16:59	1
Trichloroethene	ND		1.0		ug/L			05/16/14 16:59	1
Vinyl chloride	ND		1.0		ug/L			05/16/14 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 129		05/16/14 16:59	1
4-Bromofluorobenzene (Surr)	86		66 - 120		05/16/14 16:59	1
Toluene-d8 (Surr)	90		74 - 120		05/16/14 16:59	1
Dibromofluoromethane (Surr)	103		75 - 121		05/16/14 16:59	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:44	1
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 20:44	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:44	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

**Client Sample ID: TB-201-2014S**

**Lab Sample ID: 240-37050-10**

**Date Collected: 05/07/14 00:00**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/16/14 17:21	1
1,1-Dichloroethene	ND		1.0		ug/L			05/16/14 17:21	1
1,2-Dichloroethane	ND		1.0		ug/L			05/16/14 17:21	1
Benzene	ND		1.0		ug/L			05/16/14 17:21	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/16/14 17:21	1
Tetrachloroethene	ND		1.0		ug/L			05/16/14 17:21	1
Toluene	ND		1.0		ug/L			05/16/14 17:21	1
Trichloroethene	ND		1.0		ug/L			05/16/14 17:21	1
Vinyl chloride	ND		1.0		ug/L			05/16/14 17:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 129		05/16/14 17:21	1
4-Bromofluorobenzene (Surr)	88		66 - 120		05/16/14 17:21	1
Toluene-d8 (Surr)	91		74 - 120		05/16/14 17:21	1
Dibromofluoromethane (Surr)	103		75 - 121		05/16/14 17:21	1

# Surrogate Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-120)	TOL (74-120)	DBFM (75-121)
240-37050-1	MW-45-2014-S	104	93	89	103
240-37050-2	MW-46-2014-S	81	79	89	85
240-37050-5	MW-51-2014-S	102	93	89	103
240-37050-6	MW-52-2014-S	105	87	92	106
240-37050-7	MW-12-2014-S	107	87	92	104
240-37050-8	MW-20-2014-S	91	81	91	101
240-37050-9	EB-201-2014-S	106	86	90	103
240-37050-10	TB-201-2014S	106	88	91	103
LCS 240-130596/4	Lab Control Sample	78	91	89	86
LCS 240-130942/4	Lab Control Sample	107	98	92	100
LCS 240-131531/4	Lab Control Sample	86	100	94	95
MB 240-130596/5	Method Blank	80	84	88	85
MB 240-130942/6	Method Blank	105	87	87	100
MB 240-131531/6	Method Blank	101	82	89	111

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
TOL = Toluene-d8 (Surr)  
DBFM = Dibromofluoromethane (Surr)

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-130596/5**

**Matrix: Water**

**Analysis Batch: 130596**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/14/14 11:35	1
1,1-Dichloroethene	ND		1.0		ug/L			05/14/14 11:35	1
1,2-Dichloroethane	ND		1.0		ug/L			05/14/14 11:35	1
Benzene	ND		1.0		ug/L			05/14/14 11:35	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/14/14 11:35	1
Tetrachloroethene	ND		1.0		ug/L			05/14/14 11:35	1
Toluene	ND		1.0		ug/L			05/14/14 11:35	1
Trichloroethene	ND		1.0		ug/L			05/14/14 11:35	1
Vinyl chloride	ND		1.0		ug/L			05/14/14 11:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	80		63 - 129		05/14/14 11:35	1
4-Bromofluorobenzene (Surr)	84		66 - 120		05/14/14 11:35	1
Toluene-d8 (Surr)	88		74 - 120		05/14/14 11:35	1
Dibromofluoromethane (Surr)	85		75 - 121		05/14/14 11:35	1

**Lab Sample ID: LCS 240-130596/4**

**Matrix: Water**

**Analysis Batch: 130596**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	9.34		ug/L		93	80 - 120
1,1-Dichloroethene	10.0	9.67		ug/L		97	78 - 131
1,2-Dichloroethane	10.0	8.88		ug/L		89	71 - 127
Benzene	10.0	9.16		ug/L		92	80 - 120
cis-1,2-Dichloroethene	10.0	9.31		ug/L		93	80 - 120
Tetrachloroethene	10.0	9.71		ug/L		97	79 - 120
Toluene	10.0	9.60		ug/L		96	80 - 120
Trichloroethene	10.0	9.61		ug/L		96	76 - 120
Vinyl chloride	10.0	8.92		ug/L		89	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	78		63 - 129
4-Bromofluorobenzene (Surr)	91		66 - 120
Toluene-d8 (Surr)	89		74 - 120
Dibromofluoromethane (Surr)	86		75 - 121

**Lab Sample ID: MB 240-130942/6**

**Matrix: Water**

**Analysis Batch: 130942**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/16/14 14:19	1
1,1-Dichloroethene	ND		1.0		ug/L			05/16/14 14:19	1
1,2-Dichloroethane	ND		1.0		ug/L			05/16/14 14:19	1
Benzene	ND		1.0		ug/L			05/16/14 14:19	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/16/14 14:19	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-130942/6

Matrix: Water

Analysis Batch: 130942

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0		ug/L			05/16/14 14:19	1
Toluene	ND		1.0		ug/L			05/16/14 14:19	1
Trichloroethene	ND		1.0		ug/L			05/16/14 14:19	1
Vinyl chloride	ND		1.0		ug/L			05/16/14 14:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		05/16/14 14:19	1
4-Bromofluorobenzene (Surr)	87		66 - 120		05/16/14 14:19	1
Toluene-d8 (Surr)	87		74 - 120		05/16/14 14:19	1
Dibromofluoromethane (Surr)	100		75 - 121		05/16/14 14:19	1

Lab Sample ID: LCS 240-130942/4

Matrix: Water

Analysis Batch: 130942

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	10.5		ug/L		105	80 - 120
1,1-Dichloroethene	10.0	10.5		ug/L		105	78 - 131
1,2-Dichloroethane	10.0	11.0		ug/L		110	71 - 127
Benzene	10.0	10.2		ug/L		102	80 - 120
cis-1,2-Dichloroethene	10.0	10.4		ug/L		104	80 - 120
Tetrachloroethene	10.0	9.58		ug/L		96	79 - 120
Toluene	10.0	10.1		ug/L		101	80 - 120
Trichloroethene	10.0	10.4		ug/L		104	76 - 120
Vinyl chloride	10.0	8.17		ug/L		82	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		63 - 129
4-Bromofluorobenzene (Surr)	98		66 - 120
Toluene-d8 (Surr)	92		74 - 120
Dibromofluoromethane (Surr)	100		75 - 121

Lab Sample ID: MB 240-131531/6

Matrix: Water

Analysis Batch: 131531

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/21/14 12:36	1
1,1-Dichloroethene	ND		1.0		ug/L			05/21/14 12:36	1
1,2-Dichloroethane	ND		1.0		ug/L			05/21/14 12:36	1
Benzene	ND		1.0		ug/L			05/21/14 12:36	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/21/14 12:36	1
Tetrachloroethene	ND		1.0		ug/L			05/21/14 12:36	1
Toluene	ND		1.0		ug/L			05/21/14 12:36	1
Trichloroethene	ND		1.0		ug/L			05/21/14 12:36	1
Vinyl chloride	ND		1.0		ug/L			05/21/14 12:36	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-131531/6  
Matrix: Water  
Analysis Batch: 131531

Client Sample ID: Method Blank  
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		05/21/14 12:36	1
4-Bromofluorobenzene (Surr)	82		66 - 120		05/21/14 12:36	1
Toluene-d8 (Surr)	89		74 - 120		05/21/14 12:36	1
Dibromofluoromethane (Surr)	111		75 - 121		05/21/14 12:36	1

Lab Sample ID: LCS 240-131531/4  
Matrix: Water  
Analysis Batch: 131531

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	8.97		ug/L		90	80 - 120
1,1-Dichloroethene	10.0	11.9		ug/L		119	78 - 131
1,2-Dichloroethane	10.0	8.62		ug/L		86	71 - 127
Benzene	10.0	9.78		ug/L		98	80 - 120
cis-1,2-Dichloroethene	10.0	9.73		ug/L		97	80 - 120
Tetrachloroethene	10.0	10.1		ug/L		101	79 - 120
Toluene	10.0	9.71		ug/L		97	80 - 120
Trichloroethene	10.0	9.67		ug/L		97	76 - 120
Vinyl chloride	10.0	12.3		ug/L		123	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		63 - 129
4-Bromofluorobenzene (Surr)	100		66 - 120
Toluene-d8 (Surr)	94		74 - 120
Dibromofluoromethane (Surr)	95		75 - 121

## Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-129934/1-A  
Matrix: Water  
Analysis Batch: 130377

Client Sample ID: Method Blank  
Prep Type: Total Recoverable  
Prep Batch: 129934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 19:41	1
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 19:41	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 19:41	1

Lab Sample ID: LCS 240-129934/2-A  
Matrix: Water  
Analysis Batch: 130377

Client Sample ID: Lab Control Sample  
Prep Type: Total Recoverable  
Prep Batch: 129934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2000	1920		ug/L		96	80 - 120
Chromium	200	186		ug/L		93	80 - 120
Lead	500	460		ug/L		92	80 - 120

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 240-37050-1 MS

Matrix: Water

Analysis Batch: 130377

Client Sample ID: MW-45-2014-S

Prep Type: Total Recoverable

Prep Batch: 129934

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec.	
	Result	Qualifier		Result	Qualifier				Limits	Limits
Arsenic	ND		2000	1940		ug/L		97	75 - 125	
Chromium	350		200	503		ug/L		79	75 - 125	
Lead	ND		500	451		ug/L		90	75 - 125	

Lab Sample ID: 240-37050-1 MSD

Matrix: Water

Analysis Batch: 130377

Client Sample ID: MW-45-2014-S

Prep Type: Total Recoverable

Prep Batch: 129934

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec.		RPD	RPD
	Result	Qualifier		Result	Qualifier				Limits	Limits	RPD	Limit
Arsenic	ND		2000	1940		ug/L		97	75 - 125		0	20
Chromium	350		200	503		ug/L		79	75 - 125		0	20
Lead	ND		500	450		ug/L		90	75 - 125		0	20

## Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-129831/3

Matrix: Water

Analysis Batch: 129831

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

Lab Sample ID: 240-37050-7 MS

Matrix: Water

Analysis Batch: 129831

Client Sample ID: MW-12-2014-S

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec.	
	Result	Qualifier		Result	Qualifier				Limits	Limits
Cr (VI)	ND		0.250	0.0900	F1	mg/L		34	41 - 136	

Lab Sample ID: 240-37050-7 MSD

Matrix: Water

Analysis Batch: 129831

Client Sample ID: MW-12-2014-S

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec.		RPD	RPD
	Result	Qualifier		Result	Qualifier				Limits	Limits	RPD	Limit
Cr (VI)	ND		0.250	0.101	F1	mg/L		39	41 - 136		11	20

TestAmerica Canton

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

## GC/MS VOA

### Analysis Batch: 130596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-2	MW-46-2014-S	Total/NA	Water	8260B	
LCS 240-130596/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-130596/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 130942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-1	MW-45-2014-S	Total/NA	Water	8260B	
240-37050-5	MW-51-2014-S	Total/NA	Water	8260B	
240-37050-6	MW-52-2014-S	Total/NA	Water	8260B	
240-37050-7	MW-12-2014-S	Total/NA	Water	8260B	
240-37050-9	EB-201-2014-S	Total/NA	Water	8260B	
240-37050-10	TB-201-2014S	Total/NA	Water	8260B	
LCS 240-130942/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-130942/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-8	MW-20-2014-S	Total/NA	Water	8260B	
LCS 240-131531/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131531/6	Method Blank	Total/NA	Water	8260B	

## Metals

### Prep Batch: 129934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-1	MW-45-2014-S	Total Recoverable	Water	3005A	
240-37050-1 MS	MW-45-2014-S	Total Recoverable	Water	3005A	
240-37050-1 MSD	MW-45-2014-S	Total Recoverable	Water	3005A	
240-37050-2	MW-46-2014-S	Total Recoverable	Water	3005A	
240-37050-3	MW-47-2014-S	Total Recoverable	Water	3005A	
240-37050-4	MW-48-2014-S	Total Recoverable	Water	3005A	
240-37050-5	MW-51-2014-S	Total Recoverable	Water	3005A	
240-37050-6	MW-52-2014-S	Total Recoverable	Water	3005A	
240-37050-7	MW-12-2014-S	Total Recoverable	Water	3005A	
240-37050-8	MW-20-2014-S	Total Recoverable	Water	3005A	
240-37050-9	EB-201-2014-S	Total Recoverable	Water	3005A	
LCS 240-129934/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-129934/1-A	Method Blank	Total Recoverable	Water	3005A	

### Analysis Batch: 130377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-1	MW-45-2014-S	Total Recoverable	Water	6010B	129934
240-37050-1 MS	MW-45-2014-S	Total Recoverable	Water	6010B	129934
240-37050-1 MSD	MW-45-2014-S	Total Recoverable	Water	6010B	129934
240-37050-2	MW-46-2014-S	Total Recoverable	Water	6010B	129934
240-37050-3	MW-47-2014-S	Total Recoverable	Water	6010B	129934
240-37050-4	MW-48-2014-S	Total Recoverable	Water	6010B	129934
240-37050-5	MW-51-2014-S	Total Recoverable	Water	6010B	129934
240-37050-6	MW-52-2014-S	Total Recoverable	Water	6010B	129934
240-37050-7	MW-12-2014-S	Total Recoverable	Water	6010B	129934

TestAmerica Canton

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

## Metals (Continued)

### Analysis Batch: 130377 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-8	MW-20-2014-S	Total Recoverable	Water	6010B	129934
240-37050-9	EB-201-2014-S	Total Recoverable	Water	6010B	129934
LCS 240-129934/2-A	Lab Control Sample	Total Recoverable	Water	6010B	129934
MB 240-129934/1-A	Method Blank	Total Recoverable	Water	6010B	129934

## General Chemistry

### Analysis Batch: 129831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-1	MW-45-2014-S	Total/NA	Water	7196A	
240-37050-2	MW-46-2014-S	Total/NA	Water	7196A	
240-37050-3	MW-47-2014-S	Total/NA	Water	7196A	
240-37050-4	MW-48-2014-S	Total/NA	Water	7196A	
240-37050-5	MW-51-2014-S	Total/NA	Water	7196A	
240-37050-6	MW-52-2014-S	Total/NA	Water	7196A	
240-37050-7	MW-12-2014-S	Total/NA	Water	7196A	
240-37050-7 MS	MW-12-2014-S	Total/NA	Water	7196A	
240-37050-7 MSD	MW-12-2014-S	Total/NA	Water	7196A	
240-37050-8	MW-20-2014-S	Total/NA	Water	7196A	
240-37050-9	EB-201-2014-S	Total/NA	Water	7196A	
LCS 240-129831/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-129831/3	Method Blank	Total/NA	Water	7196A	

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

## Client Sample ID: MW-45-2014-S

Lab Sample ID: 240-37050-1

Date Collected: 05/07/14 10:50

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1000	130942	05/16/14 15:03	LRW	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 19:48	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-46-2014-S

Lab Sample ID: 240-37050-2

Date Collected: 05/07/14 11:35

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		200	130596	05/14/14 12:34	LEE	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:16	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-47-2014-S

Lab Sample ID: 240-37050-3

Date Collected: 05/07/14 08:30

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:20	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-48-2014-S

Lab Sample ID: 240-37050-4

Date Collected: 05/07/14 09:20

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:24	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-51-2014-S

Lab Sample ID: 240-37050-5

Date Collected: 05/07/14 09:50

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		500	130942	05/16/14 15:52	LRW	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:28	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

## Client Sample ID: MW-52-2014-S

Lab Sample ID: 240-37050-6

Date Collected: 05/07/14 09:05

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		500	130942	05/16/14 16:14	LRW	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:32	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-12-2014-S

Lab Sample ID: 240-37050-7

Date Collected: 05/07/14 15:30

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130942	05/16/14 16:36	LRW	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:36	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-20-2014-S

Lab Sample ID: 240-37050-8

Date Collected: 05/07/14 15:40

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		16.67	131531	05/21/14 13:47	LEE	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:40	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: EB-201-2014-S

Lab Sample ID: 240-37050-9

Date Collected: 05/07/14 16:00

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130942	05/16/14 16:59	LRW	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:44	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: TB-201-2014S

Lab Sample ID: 240-37050-10

Date Collected: 05/07/14 00:00

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130942	05/16/14 17:21	LRW	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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# Certification Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37050-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-14 *
Georgia	State Program	4	N/A	06-30-14 *
Illinois	NELAP	5	200004	07-31-14 *
Kansas	NELAP	7	E-10336	01-31-15
Kentucky (UST)	State Program	4	58	06-30-14 *
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-14 *
New Jersey	NELAP	2	OH001	06-30-14 *
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14 *
Texas	NELAP	6		08-31-14
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-14 *

\* Certification renewal pending - certification considered valid.



**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-37050 Chain of Custody



**TestAmerica Canton**  
4101 Shuffel Street, N. W.

North Canton, OH 44720  
Phone: 330.497.9336 Fax: 330.497.8772

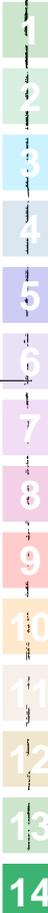
**Chain of Custody Record**

2.8

043099

**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING  
TestAmerica Laboratories, Inc.  
TAL-8210 (0713)

Company Name: <b>T &amp; M Associates</b> Address: <b>4675 Lakeshore Ct, Suite 250</b> City/State/Zip: <b>COLUMBUS, OHIO, 43016</b> Phone: <b>614-339-3370</b> Fax: <b>614-339-7082</b> Project Name: <b>MERITOR GRANDRA</b> Site: <b>GRANDRA</b> P O #: <b>MERS-00070</b>		Client Contact Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input checked="" type="checkbox"/> RCRA <input type="checkbox"/> Other:		Project Manager: <b>Jim Peepus</b> Phone/Fax: <b>614-288-7201</b> Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> <input type="checkbox"/> 1 week <input type="checkbox"/> <input type="checkbox"/> 2 days <input type="checkbox"/> <input type="checkbox"/> 1 day <input type="checkbox"/>		Site Contact: <b>GORDON PARISH</b> Date: <b>5/7/14</b> Lab Contact: <b>JOHN MCGOWAN</b> Carrier: <b>FedEx</b> Perform MS/MSD (Y/N) <input type="checkbox"/> Filtered Sample (Y/N) <input type="checkbox"/> VOCs (List 1) <b>8268</b> Hex-Cr <b>7196A</b> Pb/Astcr <b>6010B</b>		COC No: _____ of _____ COCs Sampler: _____ For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.: _____ Sample Specific Notes:	
Sample Identification	Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Other	
MN-45-2014-S	5/7/14	1050	G	H <sub>2</sub> O	5	NN	3	1	
MN-46-2014-S		1135							
MN-47-2014-S		0830							
MN-48-2014-S		0920							
MN-51-2014-S		0950							
MN-52-2014-S		0905							
MW-12-2014-S		1530							
MW-20-2014-S		1540							
EB-201-2014-S		1600							
Trip Blank					2				
Preservation Used: 1=Ice, 2=HC, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other Possible Hazard Identification: _____ Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
Special Instructions/QC Requirements & Comments: _____									
Relinquished by: <b>Ron Pope</b>		Company: <b>T &amp; M Associates</b>		Date/Time: <b>5/7/14 1830</b>		Received by: <b>John Peepus</b>		Company: <b>Test America</b>	
Relinquished by: _____		Company: _____		Date/Time: _____		Received by: _____		Company: _____	
Relinquished by: _____		Company: _____		Date/Time: _____		Received in Laboratory by: _____		Company: _____	



Client TAM Associates Site Name \_\_\_\_\_

Cooler unpacked by:

Cooler Received on 5/8/14 Opened on 5/8/14

[Signature]

FedEx:  Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other \_\_\_\_\_

TestAmerica Cooler # \_\_\_\_\_ Foam Box Client Cooler Box Other \_\_\_\_\_

Packing material used: Bubble Wrap Foam Plastic Bag None Other \_\_\_\_\_

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A (CF +0 °C) Observed Cooler Temp. 2.8 °C Corrected Cooler Temp. 2.8 °C

IR GUN# 4 (CF -1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

IR GUN# 5 (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

IR GUN# 8 (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

See Multiple Cooler Form

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1  Yes No

-Were custody seals on the outside of the cooler(s) signed & dated?  Yes No NA

-Were custody seals on the bottle(s)?  Yes  No

3. Shippers' packing slip attached to the cooler(s)?  Yes No

4. Did custody papers accompany the sample(s)?  Yes No

5. Were the custody papers relinquished & signed in the appropriate place?  Yes No

6. Did all bottles arrive in good condition (Unbroken)?  Yes No

7. Could all bottle labels be reconciled with the COC?  Yes No

8. Were correct bottle(s) used for the test(s) indicated?  Yes No

9. Sufficient quantity received to perform indicated analyses?  Yes No

10. Were sample(s) at the correct pH upon receipt?  Yes No NA pH Strip Lot# HC391902

11. Were VOAs on the COC?  Yes No

12. Were air bubbles >6 mm in any VOA vials?  Yes  No NA

13. Was a trip blank present in the cooler(s)?  Yes No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other

Concerning \_\_\_\_\_

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

[Signature]

15. SAMPLE CONDITION

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.

Sample(s) \_\_\_\_\_ were received in a broken container.

Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.

Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> <u>pH</u>	<u>Preservative</u> <u>Added (mls)</u>	<u>Lot #</u>
MW-45-2014-S	240-37050-E-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-46-2014-S	240-37050-E-2	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-47-2014-S	240-37050-E-3	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-48-2014-S	240-37050-E-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-51-2014-S	240-37050-E-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-52-2014-S	240-37050-E-6	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-12-2014-S	240-37050-E-7	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-20-2014-S	240-37050-E-8	Plastic 500ml - with Nitric Acid	<2	_____	_____
EB-201-2014-S	240-37050-E-9	Plastic 500ml - with Nitric Acid	<2	_____	_____



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Canton  
4101 Shuffel Street NW  
North Canton, OH 44720  
Tel: (330)497-9396

TestAmerica Job ID: 240-37110-1  
Client Project/Site: MERT-00070

For:  
T&M Associates  
4675 Lakehurst Court  
Suite 250  
Columbus, Ohio 43016

Attn: Jim Peeples



Authorized for release by:  
5/22/2014 1:47:47 PM

Josh McKinney, Project Manager II  
(937)294-6856  
[josh.mckinney@testamericainc.com](mailto:josh.mckinney@testamericainc.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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# Definitions/Glossary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

## Qualifiers

### General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

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**Job ID: 240-37110-1**

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**Laboratory: TestAmerica Canton**

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**Narrative**

**Job Narrative**  
**240-37110-1**

**Comments**

No additional comments.

**Receipt**

The samples were received on 5/9/2014 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.0° C.

**Metals**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**General Chemistry**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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# Method Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL CAN
7196A	Chromium, Hexavalent	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN

**Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396



# Sample Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-37110-1	RT-5-2014-S	Water	05/08/14 09:30	05/09/14 08:00
240-37110-2	RT-4-2014-S	Water	05/08/14 10:00	05/09/14 08:00
240-37110-3	RT-2-2014-S	Water	05/08/14 10:30	05/09/14 08:00
240-37110-4	RT-1-2014-S	Water	05/08/14 11:00	05/09/14 08:00
240-37110-5	FD-02-2014-S	Water	05/08/14 09:00	05/09/14 08:00
240-37110-6	SW-17-2014-S	Water	05/08/14 13:10	05/09/14 08:00
240-37110-7	SW-9-2014-S	Water	05/08/14 13:50	05/09/14 08:00
240-37110-8	SW-19-2014-S	Water	05/08/14 15:15	05/09/14 08:00
240-37110-9	SW-12-2014-S	Water	05/08/14 15:40	05/09/14 08:00
240-37110-10	SW-22-2014-S	Water	05/08/14 16:05	05/09/14 08:00
240-37110-11	FD-03-SN-2014S	Water	05/08/14 12:00	05/09/14 08:00
240-37110-12	EB-301-GW	Water	05/08/14 11:30	05/09/14 08:00
240-37110-13	EB-302-SW	Water	05/08/14 16:20	05/09/14 08:00
240-37110-14	EB-303-SD	Water	05/08/14 16:30	05/09/14 08:00
240-37110-15	SD-17-2014-S	Solid	05/08/14 13:15	05/09/14 08:00
240-37110-16	SD-9-2014-S	Solid	05/08/14 14:00	05/09/14 08:00
240-37110-17	SD-4-2014-S	Solid	05/08/14 15:20	05/09/14 08:00
240-37110-18	SD-12-2014-S	Solid	05/08/14 15:45	05/09/14 08:00
240-37110-19	SD-7-2014-S	Solid	05/08/14 16:10	05/09/14 08:00
240-37110-20	FD-04-SD-2014S	Solid	05/08/14 12:15	05/09/14 08:00

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

## Client Sample ID: RT-5-2014-S

Lab Sample ID: 240-37110-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.20		0.020		mg/L	1		7196A	Total/NA

## Client Sample ID: RT-4-2014-S

Lab Sample ID: 240-37110-2

No Detections.

## Client Sample ID: RT-2-2014-S

Lab Sample ID: 240-37110-3

No Detections.

## Client Sample ID: RT-1-2014-S

Lab Sample ID: 240-37110-4

No Detections.

## Client Sample ID: FD-02-2014-S

Lab Sample ID: 240-37110-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.023		0.020		mg/L	1		7196A	Total/NA

## Client Sample ID: SW-17-2014-S

Lab Sample ID: 240-37110-6

No Detections.

## Client Sample ID: SW-9-2014-S

Lab Sample ID: 240-37110-7

No Detections.

## Client Sample ID: SW-19-2014-S

Lab Sample ID: 240-37110-8

No Detections.

## Client Sample ID: SW-12-2014-S

Lab Sample ID: 240-37110-9

No Detections.

## Client Sample ID: SW-22-2014-S

Lab Sample ID: 240-37110-10

No Detections.

## Client Sample ID: FD-03-SN-2014S

Lab Sample ID: 240-37110-11

No Detections.

## Client Sample ID: EB-301-GW

Lab Sample ID: 240-37110-12

No Detections.

## Client Sample ID: EB-302-SW

Lab Sample ID: 240-37110-13

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37110-14

No Detections.

## Client Sample ID: SD-17-2014-S

Lab Sample ID: 240-37110-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	11		0.53		mg/Kg	1	*	6010B	Total/NA
Lead	2.2		0.32		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: SD-9-2014-S

Lab Sample ID: 240-37110-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.94		0.54		mg/Kg	1	*	6010B	Total/NA
Lead	1.1		0.32		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: SD-4-2014-S

Lab Sample ID: 240-37110-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.0		0.82		mg/Kg	1	*	6010B	Total/NA
Chromium	2.0		0.41		mg/Kg	1	*	6010B	Total/NA
Lead	1.3		0.25		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: SD-12-2014-S

Lab Sample ID: 240-37110-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	1.2		0.62		mg/Kg	1	*	6010B	Total/NA
Lead	1.3		0.37		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: SD-7-2014-S

Lab Sample ID: 240-37110-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.66		0.58		mg/Kg	1	*	6010B	Total/NA
Lead	0.93		0.35		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: FD-04-SD-2014S

Lab Sample ID: 240-37110-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.71		0.53		mg/Kg	1	*	6010B	Total/NA
Lead	0.77		0.32		mg/Kg	1	*	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: RT-5-2014-S**

**Lab Sample ID: 240-37110-1**

**Date Collected: 05/08/14 09:30**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.20		0.020		mg/L			05/09/14 08:15	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: RT-4-2014-S**

**Lab Sample ID: 240-37110-2**

**Date Collected: 05/08/14 10:00**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:30	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: RT-2-2014-S**

**Lab Sample ID: 240-37110-3**

**Date Collected: 05/08/14 10:30**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:34	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: RT-1-2014-S**

**Lab Sample ID: 240-37110-4**

**Date Collected: 05/08/14 11:00**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:38	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: FD-02-2014-S**

**Lab Sample ID: 240-37110-5**

**Date Collected: 05/08/14 09:00**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.023		0.020		mg/L			05/09/14 08:27	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: SW-17-2014-S**

**Lab Sample ID: 240-37110-6**

**Date Collected: 05/08/14 13:10**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:58	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: SW-9-2014-S**

**Lab Sample ID: 240-37110-7**

**Date Collected: 05/08/14 13:50**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:01	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: SW-19-2014-S**

**Lab Sample ID: 240-37110-8**

**Date Collected: 05/08/14 15:15**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:09	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: SW-12-2014-S**

**Lab Sample ID: 240-37110-9**

**Date Collected: 05/08/14 15:40**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:13	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: SW-22-2014-S**

**Lab Sample ID: 240-37110-10**

**Date Collected: 05/08/14 16:05**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:05	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: FD-03-SN-2014S**

**Lab Sample ID: 240-37110-11**

**Date Collected: 05/08/14 12:00**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:46	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: EB-301-GW**

**Lab Sample ID: 240-37110-12**

**Date Collected: 05/08/14 11:30**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:42	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: EB-302-SW**

**Lab Sample ID: 240-37110-13**

**Date Collected: 05/08/14 16:20**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:29	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: EB-303-SD**

**Lab Sample ID: 240-37110-14**

**Date Collected: 05/08/14 16:30**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:25	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: SD-17-2014-S**

**Lab Sample ID: 240-37110-15**

**Date Collected: 05/08/14 13:15**

**Matrix: Solid**

**Date Received: 05/09/14 08:00**

**Percent Solids: 80.3**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.1		mg/Kg	☼	05/13/14 12:00	05/14/14 19:43	1
<b>Chromium</b>	<b>11</b>		0.53		mg/Kg	☼	05/13/14 12:00	05/14/14 19:43	1
<b>Lead</b>	<b>2.2</b>		0.32		mg/Kg	☼	05/13/14 12:00	05/14/14 19:43	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.0		mg/Kg	☼	05/14/14 09:42	05/16/14 15:58	1



# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: SD-9-2014-S**

**Lab Sample ID: 240-37110-16**

**Date Collected: 05/08/14 14:00**

**Matrix: Solid**

**Date Received: 05/09/14 08:00**

**Percent Solids: 77.7**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.1		mg/Kg	☼	05/13/14 12:00	05/14/14 19:55	1
<b>Chromium</b>	<b>0.94</b>		0.54		mg/Kg	☼	05/13/14 12:00	05/14/14 19:55	1
<b>Lead</b>	<b>1.1</b>		0.32		mg/Kg	☼	05/13/14 12:00	05/14/14 19:55	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.0		mg/Kg	☼	05/14/14 09:42	05/16/14 16:02	1



# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: SD-4-2014-S**

**Lab Sample ID: 240-37110-17**

Date Collected: 05/08/14 15:20

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 82.1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.0		0.82		mg/Kg	☼	05/13/14 12:00	05/14/14 19:59	1
Chromium	2.0		0.41		mg/Kg	☼	05/13/14 12:00	05/14/14 19:59	1
Lead	1.3		0.25		mg/Kg	☼	05/13/14 12:00	05/14/14 19:59	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.97		mg/Kg	☼	05/14/14 09:42	05/16/14 16:04	1



# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: SD-12-2014-S**

**Lab Sample ID: 240-37110-18**

Date Collected: 05/08/14 15:45

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 75.4

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.2		mg/Kg	☼	05/13/14 12:00	05/14/14 19:20	1
<b>Chromium</b>	<b>1.2</b>		0.62		mg/Kg	☼	05/13/14 12:00	05/14/14 19:20	1
<b>Lead</b>	<b>1.3</b>		0.37		mg/Kg	☼	05/13/14 12:00	05/14/14 19:20	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.1		mg/Kg	☼	05/14/14 09:42	05/16/14 16:08	1



# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: SD-7-2014-S**

**Lab Sample ID: 240-37110-19**

Date Collected: 05/08/14 16:10

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 78.9

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.2		mg/Kg	☼	05/13/14 12:00	05/14/14 20:03	1
<b>Chromium</b>	<b>0.66</b>		0.58		mg/Kg	☼	05/13/14 12:00	05/14/14 20:03	1
<b>Lead</b>	<b>0.93</b>		0.35		mg/Kg	☼	05/13/14 12:00	05/14/14 20:03	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.0		mg/Kg	☼	05/14/14 09:42	05/16/14 16:11	1



# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: FD-04-SD-2014S**

**Lab Sample ID: 240-37110-20**

**Date Collected: 05/08/14 12:15**

**Matrix: Solid**

**Date Received: 05/09/14 08:00**

**Percent Solids: 79.4**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.1		mg/Kg	☼	05/13/14 12:00	05/14/14 20:07	1
<b>Chromium</b>	<b>0.71</b>		0.53		mg/Kg	☼	05/13/14 12:00	05/14/14 20:07	1
<b>Lead</b>	<b>0.77</b>		0.32		mg/Kg	☼	05/13/14 12:00	05/14/14 20:07	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.0		mg/Kg	☼	05/14/14 09:42	05/16/14 16:17	1



# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

## Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-130475/1-A  
Matrix: Solid  
Analysis Batch: 130613

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 130475

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.0		mg/Kg		05/13/14 12:00	05/14/14 19:12	1
Chromium	ND		0.50		mg/Kg		05/13/14 12:00	05/14/14 19:12	1
Lead	ND		0.30		mg/Kg		05/13/14 12:00	05/14/14 19:12	1

Lab Sample ID: LCS 240-130475/2-A  
Matrix: Solid  
Analysis Batch: 130613

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 130475

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	200	194		mg/Kg		97	80 - 120
Chromium	20.0	18.3		mg/Kg		92	80 - 120
Lead	50.0	48.1		mg/Kg		96	80 - 120

Lab Sample ID: 240-37110-18 MS  
Matrix: Solid  
Analysis Batch: 130613

Client Sample ID: SD-12-2014-S  
Prep Type: Total/NA  
Prep Batch: 130475

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		229	217		mg/Kg	✱	95	75 - 125
Chromium	1.2		22.9	22.6		mg/Kg	✱	93	75 - 125
Lead	1.3		57.2	54.9		mg/Kg	✱	94	75 - 125

Lab Sample ID: 240-37110-18 MSD  
Matrix: Solid  
Analysis Batch: 130613

Client Sample ID: SD-12-2014-S  
Prep Type: Total/NA  
Prep Batch: 130475

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		229	213		mg/Kg	✱	93	75 - 125	2	20
Chromium	1.2		22.9	22.5		mg/Kg	✱	93	75 - 125	1	20
Lead	1.3		57.2	54.2		mg/Kg	✱	93	75 - 125	1	20

## Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-129983/3  
Matrix: Water  
Analysis Batch: 129983

Client Sample ID: Method Blank  
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:07	1

Lab Sample ID: LCS 240-129983/4  
Matrix: Water  
Analysis Batch: 129983

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.274		mg/L		110	80 - 118

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

## Method: 7196A - Chromium, Hexavalent (Continued)

**Lab Sample ID: 240-37110-1 MS**

**Matrix: Water**

**Analysis Batch: 129983**

**Client Sample ID: RT-5-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.20		0.250	0.191	F1	mg/L		-5	41 - 136

**Lab Sample ID: 240-37110-1 MSD**

**Matrix: Water**

**Analysis Batch: 129983**

**Client Sample ID: RT-5-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	0.20		0.250	0.193	F1	mg/L		-4	41 - 136	1	20

**Lab Sample ID: 240-37110-9 MS**

**Matrix: Water**

**Analysis Batch: 129983**

**Client Sample ID: SW-12-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	ND		0.250	0.259		mg/L		104	41 - 136

**Lab Sample ID: 240-37110-9 MSD**

**Matrix: Water**

**Analysis Batch: 129983**

**Client Sample ID: SW-12-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	ND		0.250	0.256		mg/L		103	41 - 136	1	20

**Lab Sample ID: MB 240-130601/9-A**

**Matrix: Solid**

**Analysis Batch: 131224**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 130601**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.80		mg/Kg		05/14/14 09:42	05/16/14 00:00	1

**Lab Sample ID: LCS1 240-130601/30-A**

**Matrix: Solid**

**Analysis Batch: 131224**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 130601**

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	643	633		mg/Kg		98	75 - 125

**Lab Sample ID: LCSS 240-130601/10-A**

**Matrix: Solid**

**Analysis Batch: 131224**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 130601**

Analyte	Spike Added	LCSS Result	LCSS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	20.0	21.1		mg/Kg		106	90 - 110

TestAmerica Canton

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

## Metals

### Prep Batch: 130475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-15	SD-17-2014-S	Total/NA	Solid	3050B	
240-37110-16	SD-9-2014-S	Total/NA	Solid	3050B	
240-37110-17	SD-4-2014-S	Total/NA	Solid	3050B	
240-37110-18	SD-12-2014-S	Total/NA	Solid	3050B	
240-37110-18 MS	SD-12-2014-S	Total/NA	Solid	3050B	
240-37110-18 MSD	SD-12-2014-S	Total/NA	Solid	3050B	
240-37110-19	SD-7-2014-S	Total/NA	Solid	3050B	
240-37110-20	FD-04-SD-2014S	Total/NA	Solid	3050B	
LCS 240-130475/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-130475/1-A	Method Blank	Total/NA	Solid	3050B	

### Analysis Batch: 130613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-15	SD-17-2014-S	Total/NA	Solid	6010B	130475
240-37110-16	SD-9-2014-S	Total/NA	Solid	6010B	130475
240-37110-17	SD-4-2014-S	Total/NA	Solid	6010B	130475
240-37110-18	SD-12-2014-S	Total/NA	Solid	6010B	130475
240-37110-18 MS	SD-12-2014-S	Total/NA	Solid	6010B	130475
240-37110-18 MSD	SD-12-2014-S	Total/NA	Solid	6010B	130475
240-37110-19	SD-7-2014-S	Total/NA	Solid	6010B	130475
240-37110-20	FD-04-SD-2014S	Total/NA	Solid	6010B	130475
LCS 240-130475/2-A	Lab Control Sample	Total/NA	Solid	6010B	130475
MB 240-130475/1-A	Method Blank	Total/NA	Solid	6010B	130475

## General Chemistry

### Analysis Batch: 129983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-1	RT-5-2014-S	Total/NA	Water	7196A	
240-37110-1 MS	RT-5-2014-S	Total/NA	Water	7196A	
240-37110-1 MSD	RT-5-2014-S	Total/NA	Water	7196A	
240-37110-2	RT-4-2014-S	Total/NA	Water	7196A	
240-37110-3	RT-2-2014-S	Total/NA	Water	7196A	
240-37110-4	RT-1-2014-S	Total/NA	Water	7196A	
240-37110-5	FD-02-2014-S	Total/NA	Water	7196A	
240-37110-6	SW-17-2014-S	Total/NA	Water	7196A	
240-37110-7	SW-9-2014-S	Total/NA	Water	7196A	
240-37110-8	SW-19-2014-S	Total/NA	Water	7196A	
240-37110-9	SW-12-2014-S	Total/NA	Water	7196A	
240-37110-9 MS	SW-12-2014-S	Total/NA	Water	7196A	
240-37110-9 MSD	SW-12-2014-S	Total/NA	Water	7196A	
240-37110-10	SW-22-2014-S	Total/NA	Water	7196A	
240-37110-11	FD-03-SN-2014S	Total/NA	Water	7196A	
240-37110-12	EB-301-GW	Total/NA	Water	7196A	
240-37110-13	EB-302-SW	Total/NA	Water	7196A	
240-37110-14	EB-303-SD	Total/NA	Water	7196A	
LCS 240-129983/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-129983/3	Method Blank	Total/NA	Water	7196A	

TestAmerica Canton

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

## General Chemistry (Continued)

### Analysis Batch: 130212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-15	SD-17-2014-S	Total/NA	Solid	Moisture	
240-37110-16	SD-9-2014-S	Total/NA	Solid	Moisture	
240-37110-17	SD-4-2014-S	Total/NA	Solid	Moisture	
240-37110-18	SD-12-2014-S	Total/NA	Solid	Moisture	
240-37110-18 DU	SD-12-2014-S	Total/NA	Solid	Moisture	
240-37110-19	SD-7-2014-S	Total/NA	Solid	Moisture	
240-37110-20	FD-04-SD-2014S	Total/NA	Solid	Moisture	

### Prep Batch: 130601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-15	SD-17-2014-S	Total/NA	Solid	3060A	
240-37110-16	SD-9-2014-S	Total/NA	Solid	3060A	
240-37110-17	SD-4-2014-S	Total/NA	Solid	3060A	
240-37110-18	SD-12-2014-S	Total/NA	Solid	3060A	
240-37110-19	SD-7-2014-S	Total/NA	Solid	3060A	
240-37110-20	FD-04-SD-2014S	Total/NA	Solid	3060A	
LCSI 240-130601/30-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSS 240-130601/10-A	Lab Control Sample	Total/NA	Solid	3060A	
MB 240-130601/9-A	Method Blank	Total/NA	Solid	3060A	

### Analysis Batch: 131224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-15	SD-17-2014-S	Total/NA	Solid	7196A	130601
240-37110-16	SD-9-2014-S	Total/NA	Solid	7196A	130601
240-37110-17	SD-4-2014-S	Total/NA	Solid	7196A	130601
240-37110-18	SD-12-2014-S	Total/NA	Solid	7196A	130601
240-37110-19	SD-7-2014-S	Total/NA	Solid	7196A	130601
240-37110-20	FD-04-SD-2014S	Total/NA	Solid	7196A	130601
LCSI 240-130601/30-A	Lab Control Sample	Total/NA	Solid	7196A	130601
LCSS 240-130601/10-A	Lab Control Sample	Total/NA	Solid	7196A	130601
MB 240-130601/9-A	Method Blank	Total/NA	Solid	7196A	130601

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: RT-5-2014-S**

Date Collected: 05/08/14 09:30

Date Received: 05/09/14 08:00

**Lab Sample ID: 240-37110-1**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:15	LCN	TAL CAN

**Client Sample ID: RT-4-2014-S**

Date Collected: 05/08/14 10:00

Date Received: 05/09/14 08:00

**Lab Sample ID: 240-37110-2**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:30	LCN	TAL CAN

**Client Sample ID: RT-2-2014-S**

Date Collected: 05/08/14 10:30

Date Received: 05/09/14 08:00

**Lab Sample ID: 240-37110-3**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:34	LCN	TAL CAN

**Client Sample ID: RT-1-2014-S**

Date Collected: 05/08/14 11:00

Date Received: 05/09/14 08:00

**Lab Sample ID: 240-37110-4**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:38	LCN	TAL CAN

**Client Sample ID: FD-02-2014-S**

Date Collected: 05/08/14 09:00

Date Received: 05/09/14 08:00

**Lab Sample ID: 240-37110-5**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:27	LCN	TAL CAN

**Client Sample ID: SW-17-2014-S**

Date Collected: 05/08/14 13:10

Date Received: 05/09/14 08:00

**Lab Sample ID: 240-37110-6**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:58	LCN	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

**Client Sample ID: SW-9-2014-S**

**Lab Sample ID: 240-37110-7**

Date Collected: 05/08/14 13:50

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:01	LCN	TAL CAN

**Client Sample ID: SW-19-2014-S**

**Lab Sample ID: 240-37110-8**

Date Collected: 05/08/14 15:15

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:09	LCN	TAL CAN

**Client Sample ID: SW-12-2014-S**

**Lab Sample ID: 240-37110-9**

Date Collected: 05/08/14 15:40

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:13	LCN	TAL CAN

**Client Sample ID: SW-22-2014-S**

**Lab Sample ID: 240-37110-10**

Date Collected: 05/08/14 16:05

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:05	LCN	TAL CAN

**Client Sample ID: FD-03-SN-2014S**

**Lab Sample ID: 240-37110-11**

Date Collected: 05/08/14 12:00

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:46	LCN	TAL CAN

**Client Sample ID: EB-301-GW**

**Lab Sample ID: 240-37110-12**

Date Collected: 05/08/14 11:30

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:42	LCN	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

## Client Sample ID: EB-302-SW

Lab Sample ID: 240-37110-13

Date Collected: 05/08/14 16:20

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:29	LCN	TAL CAN

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37110-14

Date Collected: 05/08/14 16:30

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:25	LCN	TAL CAN

## Client Sample ID: SD-17-2014-S

Lab Sample ID: 240-37110-15

Date Collected: 05/08/14 13:15

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 80.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 19:43	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 15:58	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: SD-9-2014-S

Lab Sample ID: 240-37110-16

Date Collected: 05/08/14 14:00

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 19:55	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 16:02	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: SD-4-2014-S

Lab Sample ID: 240-37110-17

Date Collected: 05/08/14 15:20

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 19:59	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 16:04	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

## Client Sample ID: SD-12-2014-S

Lab Sample ID: 240-37110-18

Date Collected: 05/08/14 15:45

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 75.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 19:20	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 16:08	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: SD-7-2014-S

Lab Sample ID: 240-37110-19

Date Collected: 05/08/14 16:10

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 78.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 20:03	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 16:11	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: FD-04-SD-2014S

Lab Sample ID: 240-37110-20

Date Collected: 05/08/14 12:15

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 20:07	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 16:17	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

# Certification Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37110-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-14 *
Georgia	State Program	4	N/A	06-30-14 *
Illinois	NELAP	5	200004	07-31-14 *
Kansas	NELAP	7	E-10336	01-31-15
Kentucky (UST)	State Program	4	58	06-30-14 *
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-14 *
New Jersey	NELAP	2	OH001	06-30-14 *
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14
Texas	NELAP	6		08-31-14
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-14

\* Expired certification is currently pending renewal and is considered valid.

**TestAmerica**

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-37110 Chain of Custody

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Regulatory Program:  DW  NPDES  RCRA  Other:

Project Manager: <b>Jim Peoples</b> Lab Contact: <b>Josh Makin</b> Date: <b>5/18/14</b> Carrier: <b>fed ex</b>		Site Contact: <b>Geena Probst</b> Date: <b>5/18/14</b>		COC No: <b>1</b> of <b>2</b> COCs																			
Project Name: <b>TRM ASSOCIATES</b> Address: <b>4675 LAKEHURST CT, SUITE 250</b> City/State/Zip: <b>COLUMBUS, OHIO, 43216</b> Phone: <b>614-339-3380</b> Fax: <b>614-389-7082</b> Project Name: <b>MERITOR GEORGETOWN</b> Site: <b>GEORGETOWN, MS</b> P O #: <b>MEAT-00070</b>		Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:																			
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix		# of Cont.		Filtered Sample (Y/N)		Perform MS / MSD (Y/N)		Sample Specific Notes:							
RT-5-2014-S		5/8/14		0930		G		H <sub>2</sub> O		2		N		Y		(2 Containers)							
RT-4-2014-S				1000		G		H <sub>2</sub> O		1		N		Y									
RT-2-2014-S				1030		G		H <sub>2</sub> O		1		N		Y									
RT-1-2014-S				1100		G		H <sub>2</sub> O		1		N		Y									
RFD-02-2014-S				0900		G		H <sub>2</sub> O		1		N		Y									
SN-17-2014-S				1310		G		H <sub>2</sub> O		1		N		Y									
SN-9-2014-S				1350		G		H <sub>2</sub> O		1		N		Y									
SN-19-2014-S				1515		G		H <sub>2</sub> O		1		N		Y									
SN-12-2014-S				1540		G		H <sub>2</sub> O		2		Y		Y									
SN-2-2014-S				1605		G		H <sub>2</sub> O		1		N		Y									
FD-03-SN-2014S				1200		G		H <sub>2</sub> O		1		N		Y									
EB-301-6N				1130		G		H <sub>2</sub> O		1		N		Y									
Preservation Used: 1=Ice, 2=HCl, 3=H <sub>2</sub> SO <sub>4</sub> , 4=HNO <sub>3</sub> , 5=NaOH, 6=Other																							
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.																							
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown																							
Special Instructions/QC Requirements & Comments: <b>All Times Central</b>																							
Custody Seal Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						Cooler Temp. (°C): Obs'd:						Corrd:											
Relinquished by: <b>Andy K Paul</b>						Company: <b>TRM ASSOCIATES</b>						Received by: <b>Geena Probst</b>						Company: <b>Test America</b>					
Relinquished by:						Date/Time: <b>5/18/14 1900</b>						Date/Time: <b>5/21/14 800</b>											
Relinquished by:						Date/Time:						Date/Time:											

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months

Regulatory Program:  DW  NPDES  RCRA  Other:

Project Manager: <b>JIM PEOPLES</b>		Site Contact: <b>Goodwin Paeis</b>	Date: <b>5/8/14</b>	COC No: <b>2</b> of <b>2</b> COCs
Tel/Fax: <b>614-289-7201</b>		Lab Contact: <b>Joselyn King</b>	Carrier: <b>FedEx</b>	
Analysis Turnaround Time		Perform MS/MSD (Y/N)		
<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below:		Filtered Sample (Y/N)		
<input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day				
Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.
5/8/14	1620	G	H <sub>2</sub> O	1
	1630	G	SOIL	1
	1315	G	SOIL	1
	1400	G	SOIL	1
	1520	G	SOIL	1
	1545	G	SOIL	2
	1610	G	SOIL	1
	12:5	G	SOIL	1
Sample Specific Notes:				
Lab Contact: <b>CR (DL) (7196A)</b> Lab Contact: <b>PA, MS, C (60108)</b>				
Preservation Used: 1=Ice, 2=HCl, 3=H <sub>2</sub> SO <sub>4</sub> , 4=HNO <sub>3</sub> , 5=NaOH, 6=Other				
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.				
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown				
Special Instructions/QC Requirements & Comments: <b>All Times Contam</b>				
Custody Seal No.:		Cooler Temp. (°C):	Obs'd:	Corr'd:
Relinquished by: <b>Ande K DeL</b>		Received by: <b>Jim Peoples</b>		Company: <b>Test America</b>
Date/Time: <b>5/8/14 1900</b>		Date/Time: <b>5/14/14 909</b>		Company: <b>Test America</b>
Relinquished by:		Received by:		Company:
Date/Time:		Date/Time:		Company:
Relinquished by:		Received in Laboratory by:		Company:
Date/Time:		Date/Time:		Company:



Client TEM Associates Site Name \_\_\_\_\_

Cooler unpacked by:  
[Signature]

Cooler Received on 5/9/14 Opened on 5/9/14

FedEx:  Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other \_\_\_\_\_

TestAmerica Cooler # \_\_\_\_\_ Foam Box Client Cooler Box Other \_\_\_\_\_

Packing material used: Bubble Wrap Foam Plastic Bag None Other \_\_\_\_\_

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt
 

IR GUN# A (CF +0 °C) Observed Cooler Temp. <u>2.0</u> °C	Corrected Cooler Temp. <u>2.0</u> °C	<input type="checkbox"/> See Multiple Cooler Form
IR GUN# 4 (CF -1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 5 (CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8 (CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1  Yes  No
  - Were custody seals on the outside of the cooler(s) signed & dated?  Yes  No  NA
  - Were custody seals on the bottle(s)?  Yes  No
3. Shippers' packing slip attached to the cooler(s)?  Yes  No
4. Did custody papers accompany the sample(s)?  Yes  No
5. Were the custody papers relinquished & signed in the appropriate place?  Yes  No
6. Did all bottles arrive in good condition (Unbroken)?  Yes  No
7. Could all bottle labels be reconciled with the COC?  Yes  No
8. Were correct bottle(s) used for the test(s) indicated?  Yes  No
9. Sufficient quantity received to perform indicated analyses?  Yes  No
10. Were sample(s) at the correct pH upon receipt? Yes  No  NA pH Strip Lot# HC391902
11. Were VOAs on the COC? Yes  No  NA
12. Were air bubbles >6 mm in any VOA vials? Yes  No  NA
13. Was a trip blank present in the cooler(s)? Yes  No  NA

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other \_\_\_\_\_

Concerning \_\_\_\_\_

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: [Signature]

12 5/9/14  
~~Did not receive SD-9-2014-S and received 3x SD-12-2014-S, only~~  
& marked on COC

15. SAMPLE CONDITION

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.  
 Sample(s) \_\_\_\_\_ were received in a broken container.  
 Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.  
 Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton  
4101 Shuffel Street NW  
North Canton, OH 44720  
Tel: (330)497-9396

TestAmerica Job ID: 240-37135-1

Client Project/Site: MERT-00070

For:

T&M Associates  
4675 Lakehurst Court  
Suite 250  
Columbus, Ohio 43016

Attn: Jim Peeples



Authorized for release by:  
5/27/2014 3:08:56 PM

Josh McKinney, Project Manager II  
(937)294-6856  
[josh.mckinney@testamericainc.com](mailto:josh.mckinney@testamericainc.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?

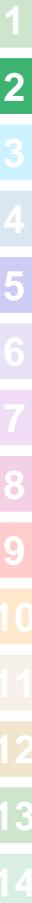


Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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## Definitions/Glossary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

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**Job ID: 240-37135-1**

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**Laboratory: TestAmerica Canton**

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**Narrative**

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**Job Narrative**  
**240-37135-1**

**Comments**

No additional comments.

**Receipt**

The samples were received on 5/9/2014 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.2° C.

**GC/MS Semi VOA**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**Metals**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**Organic Prep**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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# Method Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

Method	Method Description	Protocol	Laboratory
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CAN
6010B	Metals (ICP)	SW846	TAL CAN

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

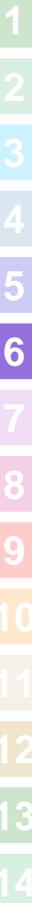


# Sample Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-37135-1	RT-5-2014-S	Water	05/08/14 09:30	05/09/14 10:00
240-37135-2	RT-4-2014-S	Water	05/08/14 10:00	05/09/14 10:00
240-37135-3	RT-2-2014-S	Water	05/08/14 10:30	05/09/14 10:00
240-37135-4	RT-1-2014-S	Water	05/08/14 11:00	05/09/14 10:00
240-37135-5	FD-02-2014-S	Water	05/08/14 09:00	05/09/14 10:00
240-37135-6	SW-17-2014-S	Water	05/08/14 13:10	05/09/14 10:00
240-37135-7	SW-9-2014-S	Water	05/08/14 13:50	05/09/14 10:00
240-37135-8	SW-19-2014-S	Water	05/08/14 15:15	05/09/14 10:00
240-37135-9	SW-12-2014-S	Water	05/08/14 15:40	05/09/14 10:00
240-37135-10	SW-22-2014-S	Water	05/08/14 16:05	05/09/14 10:00
240-37135-11	FD-03-SW-2014-S	Water	05/08/14 12:00	05/09/14 10:00
240-37135-12	EB-301-GW	Water	05/08/14 11:30	05/09/14 10:00
240-37135-13	EB-302-SW	Water	05/08/14 16:20	05/09/14 10:00
240-37135-14	EB-303-SD	Water	05/08/14 16:30	05/09/14 10:00



# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

## Client Sample ID: RT-5-2014-S

Lab Sample ID: 240-37135-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	6.3		2.0		ug/L	1		8270C	Total/NA
1,2,4-Trichlorobenzene	1.0		1.0		ug/L	1		8270C	Total/NA
Chromium	33		5.0		ug/L	1		6010B	Total Recoverable
Lead	3.4		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: RT-4-2014-S

Lab Sample ID: 240-37135-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	9.4		2.2		ug/L	1		8270C	Total/NA
Arsenic	10		10		ug/L	1		6010B	Total Recoverable

## Client Sample ID: RT-2-2014-S

Lab Sample ID: 240-37135-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	18		1.1		ug/L	1		8270C	Total/NA
Chromium	330		5.0		ug/L	1		6010B	Total Recoverable
Lead	5.4		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: RT-1-2014-S

Lab Sample ID: 240-37135-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	6.6		5.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: FD-02-2014-S

Lab Sample ID: 240-37135-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	18		1.1		ug/L	1		8270C	Total/NA
Chromium	320		5.0		ug/L	1		6010B	Total Recoverable
Lead	4.1		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: SW-17-2014-S

Lab Sample ID: 240-37135-6

No Detections.

## Client Sample ID: SW-9-2014-S

Lab Sample ID: 240-37135-7

No Detections.

## Client Sample ID: SW-19-2014-S

Lab Sample ID: 240-37135-8

No Detections.

## Client Sample ID: SW-12-2014-S

Lab Sample ID: 240-37135-9

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

**Client Sample ID: SW-22-2014-S**

**Lab Sample ID: 240-37135-10**

No Detections.

**Client Sample ID: FD-03-SW-2014-S**

**Lab Sample ID: 240-37135-11**

No Detections.

**Client Sample ID: EB-301-GW**

**Lab Sample ID: 240-37135-12**

No Detections.

**Client Sample ID: EB-302-SW**

**Lab Sample ID: 240-37135-13**

No Detections.

**Client Sample ID: EB-303-SD**

**Lab Sample ID: 240-37135-14**

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

**Client Sample ID: RT-5-2014-S**

**Lab Sample ID: 240-37135-1**

Date Collected: 05/08/14 09:30

Matrix: Water

Date Received: 05/09/14 10:00

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Bis(2-ethylhexyl) phthalate</b>	<b>6.3</b>		2.0		ug/L		05/10/14 11:31	05/21/14 15:42	1
2-Methylnaphthalene	ND		0.20		ug/L		05/10/14 11:31	05/21/14 15:42	1
Naphthalene	ND		0.20		ug/L		05/10/14 11:31	05/21/14 15:42	1
Pentachlorophenol	ND		40		ug/L		05/10/14 11:31	05/21/14 15:42	1
1,2,4,5-Tetrachlorobenzene	ND		1.0		ug/L		05/10/14 11:31	05/21/14 15:42	1
<b>1,2,4-Trichlorobenzene</b>	<b>1.0</b>		1.0		ug/L		05/10/14 11:31	05/21/14 15:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	61		29 - 110	05/10/14 11:31	05/21/14 15:42	1
2-Fluorophenol (Surr)	63		15 - 110	05/10/14 11:31	05/21/14 15:42	1
2,4,6-Tribromophenol (Surr)	58		21 - 128	05/10/14 11:31	05/21/14 15:42	1
Nitrobenzene-d5 (Surr)	65		31 - 110	05/10/14 11:31	05/21/14 15:42	1
Phenol-d5 (Surr)	68		10 - 110	05/10/14 11:31	05/21/14 15:42	1
Terphenyl-d14 (Surr)	78		31 - 115	05/10/14 11:31	05/21/14 15:42	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 19:04	1
<b>Chromium</b>	<b>33</b>		5.0		ug/L		05/14/14 10:52	05/15/14 19:04	1
<b>Lead</b>	<b>3.4</b>		3.0		ug/L		05/14/14 10:52	05/15/14 19:04	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 19:04	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

**Client Sample ID: RT-4-2014-S**

**Lab Sample ID: 240-37135-2**

**Date Collected: 05/08/14 10:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Bis(2-ethylhexyl) phthalate</b>	<b>9.4</b>		2.2		ug/L		05/10/14 11:31	05/21/14 16:52	1
2-Methylnaphthalene	ND		0.22		ug/L		05/10/14 11:31	05/21/14 16:52	1
Naphthalene	ND		0.22		ug/L		05/10/14 11:31	05/21/14 16:52	1
Pentachlorophenol	ND		43		ug/L		05/10/14 11:31	05/21/14 16:52	1
1,2,4,5-Tetrachlorobenzene	ND		1.1		ug/L		05/10/14 11:31	05/21/14 16:52	1
1,2,4-Trichlorobenzene	ND		1.1		ug/L		05/10/14 11:31	05/21/14 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	52		29 - 110	05/10/14 11:31	05/21/14 16:52	1
2-Fluorophenol (Surr)	49		15 - 110	05/10/14 11:31	05/21/14 16:52	1
2,4,6-Tribromophenol (Surr)	54		21 - 128	05/10/14 11:31	05/21/14 16:52	1
Nitrobenzene-d5 (Surr)	53		31 - 110	05/10/14 11:31	05/21/14 16:52	1
Phenol-d5 (Surr)	48		10 - 110	05/10/14 11:31	05/21/14 16:52	1
Terphenyl-d14 (Surr)	59		31 - 115	05/10/14 11:31	05/21/14 16:52	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>10</b>		10		ug/L		05/14/14 10:52	05/15/14 19:51	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 19:51	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 19:51	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 19:51	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

**Client Sample ID: RT-2-2014-S**

**Lab Sample ID: 240-37135-3**

**Date Collected: 05/08/14 10:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		2.2		ug/L		05/12/14 07:45	05/21/14 15:19	1
2-Methylnaphthalene	ND		0.22		ug/L		05/12/14 07:45	05/21/14 15:19	1
Naphthalene	ND		0.22		ug/L		05/12/14 07:45	05/21/14 15:19	1
Pentachlorophenol	ND		43		ug/L		05/12/14 07:45	05/21/14 15:19	1
1,2,4,5-Tetrachlorobenzene	ND		1.1		ug/L		05/12/14 07:45	05/21/14 15:19	1
<b>1,2,4-Trichlorobenzene</b>	<b>18</b>		1.1		ug/L		05/12/14 07:45	05/21/14 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	61		29 - 110	05/12/14 07:45	05/21/14 15:19	1
2-Fluorophenol (Surr)	61		15 - 110	05/12/14 07:45	05/21/14 15:19	1
2,4,6-Tribromophenol (Surr)	58		21 - 128	05/12/14 07:45	05/21/14 15:19	1
Nitrobenzene-d5 (Surr)	68		31 - 110	05/12/14 07:45	05/21/14 15:19	1
Phenol-d5 (Surr)	66		10 - 110	05/12/14 07:45	05/21/14 15:19	1
Terphenyl-d14 (Surr)	79		31 - 115	05/12/14 07:45	05/21/14 15:19	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 19:55	1
<b>Chromium</b>	<b>330</b>		5.0		ug/L		05/14/14 10:52	05/15/14 19:55	1
<b>Lead</b>	<b>5.4</b>		3.0		ug/L		05/14/14 10:52	05/15/14 19:55	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 19:55	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

**Client Sample ID: RT-1-2014-S**

**Lab Sample ID: 240-37135-4**

**Date Collected: 05/08/14 11:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 19:59	1
<b>Chromium</b>	<b>6.6</b>		5.0		ug/L		05/14/14 10:52	05/15/14 19:59	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 19:59	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

**Client Sample ID: FD-02-2014-S**

**Lab Sample ID: 240-37135-5**

Date Collected: 05/08/14 09:00

Matrix: Water

Date Received: 05/09/14 10:00

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		2.2		ug/L		05/12/14 07:45	05/21/14 14:55	1
2-Methylnaphthalene	ND		0.22		ug/L		05/12/14 07:45	05/21/14 14:55	1
Naphthalene	ND		0.22		ug/L		05/12/14 07:45	05/21/14 14:55	1
Pentachlorophenol	ND		43		ug/L		05/12/14 07:45	05/21/14 14:55	1
1,2,4,5-Tetrachlorobenzene	ND		1.1		ug/L		05/12/14 07:45	05/21/14 14:55	1
<b>1,2,4-Trichlorobenzene</b>	<b>18</b>		1.1		ug/L		05/12/14 07:45	05/21/14 14:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	58		29 - 110	05/12/14 07:45	05/21/14 14:55	1
2-Fluorophenol (Surr)	57		15 - 110	05/12/14 07:45	05/21/14 14:55	1
2,4,6-Tribromophenol (Surr)	54		21 - 128	05/12/14 07:45	05/21/14 14:55	1
Nitrobenzene-d5 (Surr)	65		31 - 110	05/12/14 07:45	05/21/14 14:55	1
Phenol-d5 (Surr)	60		10 - 110	05/12/14 07:45	05/21/14 14:55	1
Terphenyl-d14 (Surr)	75		31 - 115	05/12/14 07:45	05/21/14 14:55	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/16/14 14:27	1
<b>Chromium</b>	<b>320</b>		5.0		ug/L		05/14/14 10:52	05/16/14 14:27	1
<b>Lead</b>	<b>4.1</b>		3.0		ug/L		05/14/14 10:52	05/16/14 14:27	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/16/14 14:27	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

**Client Sample ID: SW-17-2014-S**

**Lab Sample ID: 240-37135-6**

**Date Collected: 05/08/14 13:10**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:15	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:15	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:15	1



# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

**Client Sample ID: SW-9-2014-S**

**Lab Sample ID: 240-37135-7**

**Date Collected: 05/08/14 13:50**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:19	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:19	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:19	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

**Client Sample ID: SW-19-2014-S**

**Lab Sample ID: 240-37135-8**

**Date Collected: 05/08/14 15:15**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:23	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:23	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:23	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

**Client Sample ID: SW-12-2014-S**

**Lab Sample ID: 240-37135-9**

**Date Collected: 05/08/14 15:40**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 19:31	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 19:31	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 19:31	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

**Client Sample ID: SW-22-2014-S**

**Lab Sample ID: 240-37135-10**

**Date Collected: 05/08/14 16:05**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:27	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:27	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:27	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

**Client Sample ID: FD-03-SW-2014-S**

**Lab Sample ID: 240-37135-11**

**Date Collected: 05/08/14 12:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:31	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:31	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:31	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

**Client Sample ID: EB-301-GW**

**Lab Sample ID: 240-37135-12**

**Date Collected: 05/08/14 11:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		2.1		ug/L		05/12/14 07:45	05/21/14 14:32	1
2-Methylnaphthalene	ND		0.21		ug/L		05/12/14 07:45	05/21/14 14:32	1
Naphthalene	ND		0.21		ug/L		05/12/14 07:45	05/21/14 14:32	1
Pentachlorophenol	ND		42		ug/L		05/12/14 07:45	05/21/14 14:32	1
1,2,4,5-Tetrachlorobenzene	ND		1.0		ug/L		05/12/14 07:45	05/21/14 14:32	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L		05/12/14 07:45	05/21/14 14:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	61		29 - 110	05/12/14 07:45	05/21/14 14:32	1
2-Fluorophenol (Surr)	66		15 - 110	05/12/14 07:45	05/21/14 14:32	1
2,4,6-Tribromophenol (Surr)	50		21 - 128	05/12/14 07:45	05/21/14 14:32	1
Nitrobenzene-d5 (Surr)	70		31 - 110	05/12/14 07:45	05/21/14 14:32	1
Phenol-d5 (Surr)	62		10 - 110	05/12/14 07:45	05/21/14 14:32	1
Terphenyl-d14 (Surr)	81		31 - 115	05/12/14 07:45	05/21/14 14:32	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:35	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:35	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:35	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:35	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

**Client Sample ID: EB-302-SW**

**Lab Sample ID: 240-37135-13**

**Date Collected: 05/08/14 16:20**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:39	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:39	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:39	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

**Client Sample ID: EB-303-SD**

**Lab Sample ID: 240-37135-14**

**Date Collected: 05/08/14 16:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:43	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:43	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:43	1

# Surrogate Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	FBP	2FP	TBP	NBZ	PHL	TPH
		(29-110)	(15-110)	(21-128)	(31-110)	(10-110)	(31-115)
240-37135-1	RT-5-2014-S	61	63	58	65	68	78
240-37135-1 MS	RT-5-2014-S	69	67	66	70	72	48
240-37135-1 MSD	RT-5-2014-S	69	63	72	68	70	50
240-37135-2	RT-4-2014-S	52	49	54	53	48	59
240-37135-3	RT-2-2014-S	61	61	58	68	66	79
240-37135-5	FD-02-2014-S	58	57	54	65	60	75
240-37135-12	EB-301-GW	61	66	50	70	62	81

### Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)  
2FP = 2-Fluorophenol (Surr)  
TBP = 2,4,6-Tribromophenol (Surr)  
NBZ = Nitrobenzene-d5 (Surr)  
PHL = Phenol-d5 (Surr)  
TPH = Terphenyl-d14 (Surr)

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: 240-37135-1 MS

Matrix: Water

Analysis Batch: 131455

Client Sample ID: RT-5-2014-S

Prep Type: Total/NA

Prep Batch: 130133

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier		Result	Qualifier				
Bis(2-ethylhexyl) phthalate	6.3		40.0	30.4		ug/L		60	10 - 160
2-Methylnaphthalene	ND		40.0	26.2		ug/L		65	10 - 160
Naphthalene	ND		40.0	25.9		ug/L		65	10 - 160
Pentachlorophenol	ND		80.0	40.8		ug/L		51	10 - 160
1,2,4,5-Tetrachlorobenzene	ND		40.0	25.9		ug/L		65	10 - 160
1,2,4-Trichlorobenzene	1.0		40.0	25.9		ug/L		62	10 - 160

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	69		29 - 110
2-Fluorophenol (Surr)	67		15 - 110
2,4,6-Tribromophenol (Surr)	66		21 - 128
Nitrobenzene-d5 (Surr)	70		31 - 110
Phenol-d5 (Surr)	72		10 - 110
Terphenyl-d14 (Surr)	48		31 - 115

Lab Sample ID: 240-37135-1 MSD

Matrix: Water

Analysis Batch: 131455

Client Sample ID: RT-5-2014-S

Prep Type: Total/NA

Prep Batch: 130133

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD	Limit
	Result	Qualifier		Result	Qualifier							
Bis(2-ethylhexyl) phthalate	6.3		43.5	33.7		ug/L		63	10 - 160	11	30	
2-Methylnaphthalene	ND		43.5	29.6		ug/L		68	10 - 160	12	30	
Naphthalene	ND		43.5	28.1		ug/L		65	10 - 160	8	30	
Pentachlorophenol	ND		87.0	50.7		ug/L		58	10 - 160	22	30	
1,2,4,5-Tetrachlorobenzene	ND		43.5	28.2		ug/L		65	10 - 160	9	30	
1,2,4-Trichlorobenzene	1.0		43.5	27.5		ug/L		61	10 - 160	6	30	

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	69		29 - 110
2-Fluorophenol (Surr)	63		15 - 110
2,4,6-Tribromophenol (Surr)	72		21 - 128
Nitrobenzene-d5 (Surr)	68		31 - 110
Phenol-d5 (Surr)	70		10 - 110
Terphenyl-d14 (Surr)	50		31 - 115

## Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-130639/1-A

Matrix: Water

Analysis Batch: 130788

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 130639

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 08:58	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 08:58	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 08:58	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 08:58	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-130639/2-A

Matrix: Water

Analysis Batch: 130788

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 130639

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2000	1940		ug/L		97	80 - 120
Chromium	200	192		ug/L		96	80 - 120
Lead	500	467		ug/L		93	80 - 120
Selenium	2000	2010		ug/L		101	80 - 120

Lab Sample ID: 240-37135-1 MS

Matrix: Water

Analysis Batch: 130788

Client Sample ID: RT-5-2014-S

Prep Type: Total Recoverable

Prep Batch: 130639

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		2000	1960		ug/L		98	75 - 125
Chromium	33		200	221		ug/L		94	75 - 125
Lead	3.4		500	460		ug/L		91	75 - 125
Selenium	ND		2000	2080		ug/L		104	75 - 125

Lab Sample ID: 240-37135-1 MSD

Matrix: Water

Analysis Batch: 130788

Client Sample ID: RT-5-2014-S

Prep Type: Total Recoverable

Prep Batch: 130639

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	ND		2000	1930		ug/L		96	75 - 125	2	20
Chromium	33		200	220		ug/L		93	75 - 125	1	20
Lead	3.4		500	451		ug/L		90	75 - 125	2	20
Selenium	ND		2000	2040		ug/L		102	75 - 125	2	20

Lab Sample ID: 240-37135-9 MS

Matrix: Water

Analysis Batch: 130788

Client Sample ID: SW-12-2014-S

Prep Type: Total Recoverable

Prep Batch: 130639

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		2000	2010		ug/L		100	75 - 125
Chromium	ND		200	195		ug/L		97	75 - 125
Lead	ND		500	470		ug/L		94	75 - 125

Lab Sample ID: 240-37135-9 MSD

Matrix: Water

Analysis Batch: 130788

Client Sample ID: SW-12-2014-S

Prep Type: Total Recoverable

Prep Batch: 130639

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	ND		2000	2020		ug/L		101	75 - 125	1	20
Chromium	ND		200	197		ug/L		98	75 - 125	1	20
Lead	ND		500	473		ug/L		95	75 - 125	1	20

TestAmerica Canton

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

## GC/MS Semi VOA

### Prep Batch: 130133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-1	RT-5-2014-S	Total/NA	Water	3510C	
240-37135-1 MS	RT-5-2014-S	Total/NA	Water	3510C	
240-37135-1 MSD	RT-5-2014-S	Total/NA	Water	3510C	
240-37135-2	RT-4-2014-S	Total/NA	Water	3510C	

### Prep Batch: 130175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-3	RT-2-2014-S	Total/NA	Water	3510C	
240-37135-5	FD-02-2014-S	Total/NA	Water	3510C	
240-37135-12	EB-301-GW	Total/NA	Water	3510C	

### Analysis Batch: 131455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-1	RT-5-2014-S	Total/NA	Water	8270C	130133
240-37135-1 MS	RT-5-2014-S	Total/NA	Water	8270C	130133
240-37135-1 MSD	RT-5-2014-S	Total/NA	Water	8270C	130133
240-37135-2	RT-4-2014-S	Total/NA	Water	8270C	130133
240-37135-3	RT-2-2014-S	Total/NA	Water	8270C	130175
240-37135-5	FD-02-2014-S	Total/NA	Water	8270C	130175
240-37135-12	EB-301-GW	Total/NA	Water	8270C	130175

## Metals

### Prep Batch: 130639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-1	RT-5-2014-S	Total Recoverable	Water	3005A	
240-37135-1 MS	RT-5-2014-S	Total Recoverable	Water	3005A	
240-37135-1 MSD	RT-5-2014-S	Total Recoverable	Water	3005A	
240-37135-2	RT-4-2014-S	Total Recoverable	Water	3005A	
240-37135-3	RT-2-2014-S	Total Recoverable	Water	3005A	
240-37135-4	RT-1-2014-S	Total Recoverable	Water	3005A	
240-37135-5	FD-02-2014-S	Total Recoverable	Water	3005A	
240-37135-6	SW-17-2014-S	Total Recoverable	Water	3005A	
240-37135-7	SW-9-2014-S	Total Recoverable	Water	3005A	
240-37135-8	SW-19-2014-S	Total Recoverable	Water	3005A	
240-37135-9	SW-12-2014-S	Total Recoverable	Water	3005A	
240-37135-9 MS	SW-12-2014-S	Total Recoverable	Water	3005A	
240-37135-9 MSD	SW-12-2014-S	Total Recoverable	Water	3005A	
240-37135-10	SW-22-2014-S	Total Recoverable	Water	3005A	
240-37135-11	FD-03-SW-2014-S	Total Recoverable	Water	3005A	
240-37135-12	EB-301-GW	Total Recoverable	Water	3005A	
240-37135-13	EB-302-SW	Total Recoverable	Water	3005A	
240-37135-14	EB-303-SD	Total Recoverable	Water	3005A	
LCS 240-130639/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-130639/1-A	Method Blank	Total Recoverable	Water	3005A	

### Analysis Batch: 130788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-1	RT-5-2014-S	Total Recoverable	Water	6010B	130639
240-37135-1 MS	RT-5-2014-S	Total Recoverable	Water	6010B	130639

TestAmerica Canton

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

## Metals (Continued)

### Analysis Batch: 130788 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-1 MSD	RT-5-2014-S	Total Recoverable	Water	6010B	130639
240-37135-2	RT-4-2014-S	Total Recoverable	Water	6010B	130639
240-37135-3	RT-2-2014-S	Total Recoverable	Water	6010B	130639
240-37135-4	RT-1-2014-S	Total Recoverable	Water	6010B	130639
240-37135-6	SW-17-2014-S	Total Recoverable	Water	6010B	130639
240-37135-7	SW-9-2014-S	Total Recoverable	Water	6010B	130639
240-37135-8	SW-19-2014-S	Total Recoverable	Water	6010B	130639
240-37135-9	SW-12-2014-S	Total Recoverable	Water	6010B	130639
240-37135-9 MS	SW-12-2014-S	Total Recoverable	Water	6010B	130639
240-37135-9 MSD	SW-12-2014-S	Total Recoverable	Water	6010B	130639
240-37135-10	SW-22-2014-S	Total Recoverable	Water	6010B	130639
240-37135-11	FD-03-SW-2014-S	Total Recoverable	Water	6010B	130639
240-37135-12	EB-301-GW	Total Recoverable	Water	6010B	130639
240-37135-13	EB-302-SW	Total Recoverable	Water	6010B	130639
240-37135-14	EB-303-SD	Total Recoverable	Water	6010B	130639
LCS 240-130639/2-A	Lab Control Sample	Total Recoverable	Water	6010B	130639
MB 240-130639/1-A	Method Blank	Total Recoverable	Water	6010B	130639

### Analysis Batch: 130983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-5	FD-02-2014-S	Total Recoverable	Water	6010B	130639

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

## Client Sample ID: RT-5-2014-S

Lab Sample ID: 240-37135-1

Date Collected: 05/08/14 09:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			130133	05/10/14 11:31	CSC	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 15:42	TMH	TAL CAN
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 19:04	KLC	TAL CAN

## Client Sample ID: RT-4-2014-S

Lab Sample ID: 240-37135-2

Date Collected: 05/08/14 10:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			130133	05/10/14 11:31	CSC	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 16:52	TMH	TAL CAN
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 19:51	KLC	TAL CAN

## Client Sample ID: RT-2-2014-S

Lab Sample ID: 240-37135-3

Date Collected: 05/08/14 10:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			130175	05/12/14 07:45	SDE	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 15:19	TMH	TAL CAN
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 19:55	KLC	TAL CAN

## Client Sample ID: RT-1-2014-S

Lab Sample ID: 240-37135-4

Date Collected: 05/08/14 11:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 19:59	KLC	TAL CAN

## Client Sample ID: FD-02-2014-S

Lab Sample ID: 240-37135-5

Date Collected: 05/08/14 09:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			130175	05/12/14 07:45	SDE	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 14:55	TMH	TAL CAN
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130983	05/16/14 14:27	KLC	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

## Client Sample ID: SW-17-2014-S

Lab Sample ID: 240-37135-6

Date Collected: 05/08/14 13:10

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:15	KLC	TAL CAN

## Client Sample ID: SW-9-2014-S

Lab Sample ID: 240-37135-7

Date Collected: 05/08/14 13:50

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:19	KLC	TAL CAN

## Client Sample ID: SW-19-2014-S

Lab Sample ID: 240-37135-8

Date Collected: 05/08/14 15:15

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:23	KLC	TAL CAN

## Client Sample ID: SW-12-2014-S

Lab Sample ID: 240-37135-9

Date Collected: 05/08/14 15:40

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 19:31	KLC	TAL CAN

## Client Sample ID: SW-22-2014-S

Lab Sample ID: 240-37135-10

Date Collected: 05/08/14 16:05

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:27	KLC	TAL CAN

## Client Sample ID: FD-03-SW-2014-S

Lab Sample ID: 240-37135-11

Date Collected: 05/08/14 12:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:31	KLC	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

## Client Sample ID: EB-301-GW

Lab Sample ID: 240-37135-12

Date Collected: 05/08/14 11:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			130175	05/12/14 07:45	SDE	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 14:32	TMH	TAL CAN
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:35	KLC	TAL CAN

## Client Sample ID: EB-302-SW

Lab Sample ID: 240-37135-13

Date Collected: 05/08/14 16:20

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:39	KLC	TAL CAN

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37135-14

Date Collected: 05/08/14 16:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:43	KLC	TAL CAN

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

# Certification Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37135-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-14 *
Georgia	State Program	4	N/A	06-30-14 *
Illinois	NELAP	5	200004	07-31-14 *
Kansas	NELAP	7	E-10336	01-31-15
Kentucky (UST)	State Program	4	58	06-30-14 *
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-14 *
New Jersey	NELAP	2	OH001	06-30-14 *
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14
Texas	NELAP	6		08-31-14
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-14

\* Expired certification is currently pending renewal and is considered valid.



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TestAmerica Laboratories, Inc.

**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-37135 Chain of Custody

Regulatory Program:  DW  NPDES  RCRA  Other:

Client Contact		Project Manager: <b>Jim Peckles</b>		Date: <b>5/31/14</b>		COC No: <b>1</b> of <b>2</b> COCs	
Company Name: <b>TJM Associates</b>		Tel/Fax: <b>614-288-7201</b>		Carrier: <b>FDX</b>		Sampler:	
Address: <b>4475 Inverness Ct Suite 250</b>		Analysis Turnaround Time		Lab Contact: <b>Josiah Murray</b>		For Lab Use Only:	
City/State/Zip: <b>Columbus, OH 43016</b>		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Perform MS / MSD (Y / N)		Walk-in Client:	
Phone: <b>614-389-3380</b>		TAT if different from Below		Filtered Sample (Y / N)		Lab Sampling:	
Fax: <b>614-389-7082</b>		2 weeks		<input checked="" type="checkbox"/> (2)		Job / SDG No.:	
Project Name: <b>Merrimack - Greenvale</b>		1 week					
Site: <b>Greenway #1 MS</b>		2 days					
P.O.#: <b>None-00070</b>		1 day					
Sample Identification	Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Sample Specific Notes:	
RT-5-2014-S	5/8/14	0930	G	H <sub>2</sub> O	4		
RT-4-2014-S		1000	G	H <sub>2</sub> O	2		
RT-2-2014-S		1030	G	H <sub>2</sub> O	2		
RT-1-2014-S		1100	G	H <sub>2</sub> O	1		
FD-02-2014-S		0900	G	H <sub>2</sub> O	2		
SN-17-2014-S		1310	G	H <sub>2</sub> O	1		
SN-9-2014-S		1350	G	H <sub>2</sub> O	1		
SN-19-2014-S		1515	G	H <sub>2</sub> O	1		
SN-12-2014-S		1540	G	H <sub>2</sub> O	2		
SN-22-2014-S		1605	G	H <sub>2</sub> O	1		
FD-03-SN-2014-S		1200	G	H <sub>2</sub> O	1		
EB-301-6N		1130	G	H <sub>2</sub> O	2		
Preservation Used: <input type="checkbox"/> Ice, <input type="checkbox"/> HCl, <input type="checkbox"/> HNO <sub>3</sub> , <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> , <input type="checkbox"/> 5-NaOH, <input type="checkbox"/> Other							
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							
Special Instructions/QC Requirements & Comments: <b>ALL TIMES CENTRAL</b>							
Custody Seal Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C):		Obs'd:	
Relinquished by: <b>Dodrick Paul</b>		Company: <b>TJM Associates</b>		Received by: <b>AD</b>		Company: <b>TJM</b>	
Relinquished by:		Company:		Received by:		Company:	
Relinquished by:		Company:		Received in Laboratory by:		Company:	
Therm ID No.:		Date/Time: <b>5-9-14 1000</b>		Date/Time:		Date/Time:	

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months



Regulatory Program:  DW  NPDES  RCRA  Other:

Client Contact		Project Manager: <b>JM Peoples</b>		Date: <b>5/8/14</b>			
Company Name: <b>JM Associates</b>		Tel/Fax: <b>614-288-7201</b>		Carrier: <b>Fed Ex</b>			
Address: <b>4675 Lakeside Dr. S.W. 250</b>		Analysis Turnaround Time		COC No: <b>2</b> of <b>2</b> COCs			
City/State/Zip: <b>Columbus, OH 43016</b>		CALENDAR DAYS <input type="checkbox"/> WORKING DAYS <input checked="" type="checkbox"/>		Sampler:			
Phone: <b>614-339-3380</b>		TAT if different from Below _____		For Lab Use Only:			
Fax: <b>614-389-7082</b>		<input checked="" type="checkbox"/> 2 weeks		Walk-in Client:			
Project Name: <b>Herne-Georgia</b>		<input type="checkbox"/> 1 week		Lab Sampling:			
Site: <b>Greenville, MS</b>		<input type="checkbox"/> 2 days		Job / SDG No.:			
P.O.#: <b>MERT-00070</b>		<input type="checkbox"/> 1 day		Sample Specific Notes:			
Sample Identification	Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)
EB-302-SN	5/8/14	1620	G	A20	1	N	N
EB-303-SD	5/8/14	1630	G	H2O	1	N	N
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							
Special Instructions/QC Requirements & Comments: <b>Aurora Control</b>							
Custody Seal No.:		Custody Seal No.:		Cooler Temp. (°C):		Therm ID No.:	
Relinquished by: <b>Dan K Paul</b>		Company: <b>JM Associates</b>		Company: <b>TA</b>		Date/Time: <b>5-9-14 1000</b>	
Relinquished by:		Company:		Company:		Date/Time:	
Relinquished by:		Company:		Company:		Date/Time:	

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months



Client TAM Site Name

Cooler unpacked by:

Cooler Received on 5-9-14 Opened on 5-9-14

*[Signature]*

FedEx: 1st Grd  UPS FAS Stetson Client Drop Off TestAmerica Courier Other

TestAmerica Cooler # Foam Box  Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT:  Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A (CF +0 °C) Observed Cooler Temp. 1.2 °C Corrected Cooler Temp. 1.2 °C

IR GUN# 4 (CF -1 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C

IR GUN# 5 (CF +1 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C

IR GUN# 8 (CF +1 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C

See Multiple Cooler Form

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1  Yes No

-Were custody seals on the outside of the cooler(s) signed & dated?  Yes No NA

-Were custody seals on the bottle(s)?  Yes  No

3. Shippers' packing slip attached to the cooler(s)?  Yes No

4. Did custody papers accompany the sample(s)?  Yes No

5. Were the custody papers relinquished & signed in the appropriate place?  Yes No

6. Did all bottles arrive in good condition (Unbroken)?  Yes No

7. Could all bottle labels be reconciled with the COC?  Yes No

8. Were correct bottle(s) used for the test(s) indicated?  Yes No

9. Sufficient quantity received to perform indicated analyses?  Yes No

10. Were sample(s) at the correct pH upon receipt?  Yes No NA pH Strip Lot# HC391902

11. Were VOAs on the COC?  Yes  No

12. Were air bubbles >6 mm in any VOA vials?  Yes No  NA

13. Was a trip blank present in the cooler(s)?  Yes  No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other

Concerning \_\_\_\_\_

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

*[Signature]*

RT-5 COC = 4 containers rec'd 5

15. SAMPLE CONDITION

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.

Sample(s) \_\_\_\_\_ were received in a broken container.

Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.

Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container pH</u>	<u>Preservative Added (mls)</u>	<u>Lot #</u>
RT-5-2014-S	240-37135-D-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
RT-5-2014-S	240-37135-E-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
RT-4-2014-S	240-37135-B-2	Plastic 500ml - with Nitric Acid	<2	_____	_____
RT-2-2014-S	240-37135-B-3	Plastic 500ml - with Nitric Acid	<2	_____	_____
RT-1-2014-S	240-37135-A-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
FD-02-2014-S	240-37135-B-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-17-2014-S	240-37135-A-6	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-9-2014-S	240-37135-A-7	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-19-2014-S	240-37135-A-8	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-12-2014-S	240-37135-A-9	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-12-2014-S	240-37135-B-9	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-22-2014-S	240-37135-A-10	Plastic 500ml - with Nitric Acid	<2	_____	_____
FD-03-SW-2014-S	240-37135-A-11	Plastic 500ml - with Nitric Acid	<2	_____	_____
EB-301-GW	240-37135-B-12	Plastic 500ml - with Nitric Acid	<2	_____	_____
EB-302-SW	240-37135-A-13	Plastic 500ml - with Nitric Acid	<2	_____	_____
EB-303-SD	240-37135-A-14	Plastic 500ml - with Nitric Acid	<2	_____	_____

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Canton  
4101 Shuffel Street NW  
North Canton, OH 44720  
Tel: (330)497-9396

TestAmerica Job ID: 240-37154-1  
Client Project/Site: MERT-00070  
Revision: 2

For:  
T&M Associates  
4675 Lakehurst Court  
Suite 250  
Columbus, Ohio 43016

Attn: Jim Peebles



Authorized for release by:  
7/30/2014 10:12:52 AM

Josh McKinney, Project Manager II  
(937)294-6856  
[josh.mckinney@testamericainc.com](mailto:josh.mckinney@testamericainc.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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# Definitions/Glossary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Job ID: 240-37154-1**

**Laboratory: TestAmerica Canton**

## Narrative

**Job Narrative**  
**240-37154-1**

### Comments

No additional comments.

### Receipt

The samples were received on 5/9/2014 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4° C.

### GC/MS VOA

Method(s) 8260B: The laboratory control sample (LCS) for batch <<131335>> recovered outside control limits for the following analyte(s): <<Chloroethane>>. Chloroethane has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

### General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

### VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Revised Report 07/30/14: Sediment sample reporting units were corrected from reporting in ug/L to ug/Kg.

# Method Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

Method	Method Description	Protocol	Laboratory
8260A	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN

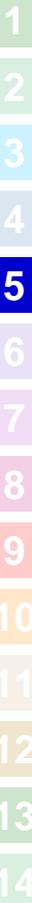
**Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396



# Sample Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-37154-1	RT-5-2014-S	Water	05/08/14 09:30	05/09/14 10:00
240-37154-2	RT-4-2014-S	Water	05/08/14 10:00	05/09/14 10:00
240-37154-3	RT-2-2014-S	Water	05/08/14 10:30	05/09/14 10:00
240-37154-4	RT-1-2014-S	Water	05/08/14 11:00	05/09/14 10:00
240-37154-5	FD-02-2014-S	Water	05/08/14 09:00	05/09/14 10:00
240-37154-6	EB-301-GW	Water	05/08/14 11:30	05/09/14 10:00
240-37154-7	SW-17-2014-S	Water	05/08/14 13:10	05/09/14 10:00
240-37154-8	SW-9-2014-S	Water	05/08/14 13:50	05/09/14 10:00
240-37154-9	SW-19-2014-S	Water	05/08/14 15:15	05/09/14 10:00
240-37154-10	SW-12-2014-S	Water	05/08/14 15:40	05/09/14 10:00
240-37154-11	SW-22-2014-S	Water	05/08/14 16:05	05/09/14 10:00
240-37154-12	FD-03-SW-2014-S	Water	05/08/14 12:00	05/09/14 10:00
240-37154-13	TB-301-2014S	Water	05/08/14 00:00	05/09/14 10:00
240-37154-14	EB-302-SW	Water	05/08/14 16:20	05/09/14 10:00
240-37154-15	SD-17-2014-S	Solid	05/08/14 13:15	05/09/14 10:00
240-37154-16	SD-9-2014-S	Solid	05/08/14 14:00	05/09/14 10:00
240-37154-17	SD-4-2014-S	Solid	05/08/14 15:20	05/09/14 10:00
240-37154-18	SD-12-2014-S	Solid	05/08/14 15:45	05/09/14 10:00
240-37154-19	SD-7-2014-S	Solid	05/08/14 16:10	05/09/14 10:00
240-37154-20	FD-04-SD-2014-S	Solid	05/08/14 12:15	05/09/14 10:00
240-37154-21	EB-303-SD	Water	05/08/14 16:30	05/09/14 10:00

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Client Sample ID: RT-5-2014-S

Lab Sample ID: 240-37154-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	210		6.7		ug/L	6.67		8260B	Total/NA
Trichloroethene	150		6.7		ug/L	6.67		8260B	Total/NA
Vinyl chloride	16		6.7		ug/L	6.67		8260B	Total/NA

## Client Sample ID: RT-4-2014-S

Lab Sample ID: 240-37154-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2100		100		ug/L	100		8260B	Total/NA
trans-1,2-Dichloroethene	120		100		ug/L	100		8260B	Total/NA
Trichloroethene	130		100		ug/L	100		8260B	Total/NA

## Client Sample ID: RT-2-2014-S

Lab Sample ID: 240-37154-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	16000		500		ug/L	500		8260B	Total/NA
Trichloroethene	4600		500		ug/L	500		8260B	Total/NA

## Client Sample ID: RT-1-2014-S

Lab Sample ID: 240-37154-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	49		5.0		ug/L	5		8260B	Total/NA
Trichloroethene	140		5.0		ug/L	5		8260B	Total/NA

## Client Sample ID: FD-02-2014-S

Lab Sample ID: 240-37154-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	15000		500		ug/L	500		8260B	Total/NA
Trichloroethene	4400		500		ug/L	500		8260B	Total/NA

## Client Sample ID: EB-301-GW

Lab Sample ID: 240-37154-6

No Detections.

## Client Sample ID: SW-17-2014-S

Lab Sample ID: 240-37154-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	25		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	5.8		1.0		ug/L	1		8260B	Total/NA
Vinyl chloride	2.4		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: SW-9-2014-S

Lab Sample ID: 240-37154-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	36		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	8.0		1.0		ug/L	1		8260B	Total/NA
Vinyl chloride	4.1		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: SW-19-2014-S

Lab Sample ID: 240-37154-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	60		2.0		ug/L	2		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Client Sample ID: SW-19-2014-S (Continued)

Lab Sample ID: 240-37154-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	6.9		2.0		ug/L	2		8260B	Total/NA
Vinyl chloride	10		2.0		ug/L	2		8260B	Total/NA

## Client Sample ID: SW-12-2014-S

Lab Sample ID: 240-37154-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.5		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	8.7		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: SW-22-2014-S

Lab Sample ID: 240-37154-11

No Detections.

## Client Sample ID: FD-03-SW-2014-S

Lab Sample ID: 240-37154-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	58		1.7		ug/L	1.67		8260B	Total/NA
Trichloroethene	6.8		1.7		ug/L	1.67		8260B	Total/NA
Vinyl chloride	9.8		1.7		ug/L	1.67		8260B	Total/NA

## Client Sample ID: TB-301-2014S

Lab Sample ID: 240-37154-13

No Detections.

## Client Sample ID: EB-302-SW

Lab Sample ID: 240-37154-14

No Detections.

## Client Sample ID: SD-17-2014-S

Lab Sample ID: 240-37154-15

No Detections.

## Client Sample ID: SD-9-2014-S

Lab Sample ID: 240-37154-16

No Detections.

## Client Sample ID: SD-4-2014-S

Lab Sample ID: 240-37154-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.0		2.9		ug/Kg	1	*	8260A	Total/NA

## Client Sample ID: SD-12-2014-S

Lab Sample ID: 240-37154-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	46		5.3		ug/Kg	1	*	8260A	Total/NA
Trichloroethene	140		11		ug/Kg	1	*	8260A	Total/NA

## Client Sample ID: SD-7-2014-S

Lab Sample ID: 240-37154-19

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Client Sample ID: FD-04-SD-2014-S

Lab Sample ID: 240-37154-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.5		2.7		ug/Kg	1	☼	8260A	Total/NA

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37154-21

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

- 1
- 2
- 3
- 4
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- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: RT-5-2014-S**

**Lab Sample ID: 240-37154-1**

**Date Collected: 05/08/14 09:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.7		ug/L			05/17/14 19:35	6.67
1,1,2-Trichloroethane	ND		6.7		ug/L			05/17/14 19:35	6.67
1,1-Dichloroethane	ND		6.7		ug/L			05/17/14 19:35	6.67
1,1-Dichloroethene	ND		6.7		ug/L			05/17/14 19:35	6.67
1,2-Dichloroethane	ND		6.7		ug/L			05/17/14 19:35	6.67
1,2-Dichloropropane	ND		6.7		ug/L			05/17/14 19:35	6.67
Acetone	ND		6.7		ug/L			05/17/14 19:35	6.67
Benzene	ND		6.7		ug/L			05/17/14 19:35	6.67
Carbon disulfide	ND		6.7		ug/L			05/17/14 19:35	6.67
Chloroethane	ND		6.7		ug/L			05/17/14 19:35	6.67
<b>cis-1,2-Dichloroethene</b>	<b>210</b>		6.7		ug/L			05/17/14 19:35	6.67
Ethylbenzene	ND		6.7		ug/L			05/17/14 19:35	6.67
Methylene Chloride	ND		6.7		ug/L			05/17/14 19:35	6.67
Tetrachloroethene	ND		6.7		ug/L			05/17/14 19:35	6.67
Toluene	ND		6.7		ug/L			05/17/14 19:35	6.67
trans-1,2-Dichloroethene	ND		6.7		ug/L			05/17/14 19:35	6.67
<b>Trichloroethene</b>	<b>150</b>		6.7		ug/L			05/17/14 19:35	6.67
<b>Vinyl chloride</b>	<b>16</b>		6.7		ug/L			05/17/14 19:35	6.67
Xylenes, Total	ND		13		ug/L			05/17/14 19:35	6.67
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		63 - 129					05/17/14 19:35	6.67
4-Bromofluorobenzene (Surr)	80		66 - 120					05/17/14 19:35	6.67
Toluene-d8 (Surr)	92		74 - 120					05/17/14 19:35	6.67
Dibromofluoromethane (Surr)	85		75 - 121					05/17/14 19:35	6.67

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: RT-4-2014-S**

**Lab Sample ID: 240-37154-2**

**Date Collected: 05/08/14 10:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100		ug/L			05/17/14 17:15	100
1,1,2-Trichloroethane	ND		100		ug/L			05/17/14 17:15	100
1,1-Dichloroethane	ND		100		ug/L			05/17/14 17:15	100
1,1-Dichloroethene	ND		100		ug/L			05/17/14 17:15	100
1,2-Dichloroethane	ND		100		ug/L			05/17/14 17:15	100
1,2-Dichloropropane	ND		100		ug/L			05/17/14 17:15	100
Acetone	ND		1000		ug/L			05/17/14 17:15	100
Benzene	ND		100		ug/L			05/17/14 17:15	100
Carbon disulfide	ND		100		ug/L			05/17/14 17:15	100
Chloroethane	ND		100		ug/L			05/17/14 17:15	100
<b>cis-1,2-Dichloroethene</b>	<b>2100</b>		100		ug/L			05/17/14 17:15	100
Ethylbenzene	ND		100		ug/L			05/17/14 17:15	100
Methylene Chloride	ND		100		ug/L			05/17/14 17:15	100
Tetrachloroethene	ND		100		ug/L			05/17/14 17:15	100
Toluene	ND		100		ug/L			05/17/14 17:15	100
<b>trans-1,2-Dichloroethene</b>	<b>120</b>		100		ug/L			05/17/14 17:15	100
<b>Trichloroethene</b>	<b>130</b>		100		ug/L			05/17/14 17:15	100
Vinyl chloride	ND		100		ug/L			05/17/14 17:15	100
Xylenes, Total	ND		200		ug/L			05/17/14 17:15	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129					05/17/14 17:15	100
4-Bromofluorobenzene (Surr)	79		66 - 120					05/17/14 17:15	100
Toluene-d8 (Surr)	93		74 - 120					05/17/14 17:15	100
Dibromofluoromethane (Surr)	87		75 - 121					05/17/14 17:15	100

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: RT-2-2014-S**

**Lab Sample ID: 240-37154-3**

**Date Collected: 05/08/14 10:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		500		ug/L			05/19/14 20:10	500
1,1,2-Trichloroethane	ND		500		ug/L			05/19/14 20:10	500
1,1-Dichloroethane	ND		500		ug/L			05/19/14 20:10	500
1,1-Dichloroethene	ND		500		ug/L			05/19/14 20:10	500
1,2-Dichloroethane	ND		500		ug/L			05/19/14 20:10	500
1,2-Dichloropropane	ND		500		ug/L			05/19/14 20:10	500
Acetone	ND		5000		ug/L			05/19/14 20:10	500
Benzene	ND		500		ug/L			05/19/14 20:10	500
Carbon disulfide	ND		500		ug/L			05/19/14 20:10	500
Chloroethane	ND		500		ug/L			05/19/14 20:10	500
<b>cis-1,2-Dichloroethene</b>	<b>16000</b>		500		ug/L			05/19/14 20:10	500
Ethylbenzene	ND		500		ug/L			05/19/14 20:10	500
Methylene Chloride	ND		500		ug/L			05/19/14 20:10	500
Tetrachloroethene	ND		500		ug/L			05/19/14 20:10	500
Toluene	ND		500		ug/L			05/19/14 20:10	500
trans-1,2-Dichloroethene	ND		500		ug/L			05/19/14 20:10	500
<b>Trichloroethene</b>	<b>4600</b>		500		ug/L			05/19/14 20:10	500
Vinyl chloride	ND		500		ug/L			05/19/14 20:10	500
Xylenes, Total	ND		1000		ug/L			05/19/14 20:10	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		63 - 129					05/19/14 20:10	500
4-Bromofluorobenzene (Surr)	82		66 - 120					05/19/14 20:10	500
Toluene-d8 (Surr)	86		74 - 120					05/19/14 20:10	500
Dibromofluoromethane (Surr)	85		75 - 121					05/19/14 20:10	500

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: RT-1-2014-S**

**Lab Sample ID: 240-37154-4**

**Date Collected: 05/08/14 11:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0		ug/L			05/17/14 18:02	5
1,1-Dichloroethene	ND		5.0		ug/L			05/17/14 18:02	5
1,2-Dichloroethane	ND		5.0		ug/L			05/17/14 18:02	5
Benzene	ND		5.0		ug/L			05/17/14 18:02	5
<b>cis-1,2-Dichloroethene</b>	<b>49</b>		5.0		ug/L			05/17/14 18:02	5
Tetrachloroethene	ND		5.0		ug/L			05/17/14 18:02	5
Toluene	ND		5.0		ug/L			05/17/14 18:02	5
<b>Trichloroethene</b>	<b>140</b>		5.0		ug/L			05/17/14 18:02	5
Vinyl chloride	ND		5.0		ug/L			05/17/14 18:02	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	79		63 - 129					05/17/14 18:02	5
4-Bromofluorobenzene (Surr)	79		66 - 120					05/17/14 18:02	5
Toluene-d8 (Surr)	93		74 - 120					05/17/14 18:02	5
Dibromofluoromethane (Surr)	86		75 - 121					05/17/14 18:02	5

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: FD-02-2014-S**

**Lab Sample ID: 240-37154-5**

**Date Collected: 05/08/14 09:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		500		ug/L			05/20/14 12:08	500
1,1,2-Trichloroethane	ND		500		ug/L			05/20/14 12:08	500
1,1-Dichloroethane	ND		500		ug/L			05/20/14 12:08	500
1,1-Dichloroethene	ND		500		ug/L			05/20/14 12:08	500
1,2-Dichloroethane	ND		500		ug/L			05/20/14 12:08	500
1,2-Dichloropropane	ND		500		ug/L			05/20/14 12:08	500
Acetone	ND		5000		ug/L			05/20/14 12:08	500
Benzene	ND		500		ug/L			05/20/14 12:08	500
Carbon disulfide	ND		500		ug/L			05/20/14 12:08	500
Chloroethane	ND		500		ug/L			05/20/14 12:08	500
<b>cis-1,2-Dichloroethene</b>	<b>15000</b>		500		ug/L			05/20/14 12:08	500
Ethylbenzene	ND		500		ug/L			05/20/14 12:08	500
Methylene Chloride	ND		500		ug/L			05/20/14 12:08	500
Tetrachloroethene	ND		500		ug/L			05/20/14 12:08	500
Toluene	ND		500		ug/L			05/20/14 12:08	500
trans-1,2-Dichloroethene	ND		500		ug/L			05/20/14 12:08	500
<b>Trichloroethene</b>	<b>4400</b>		500		ug/L			05/20/14 12:08	500
Vinyl chloride	ND		500		ug/L			05/20/14 12:08	500
Xylenes, Total	ND		1000		ug/L			05/20/14 12:08	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	79		63 - 129					05/20/14 12:08	500
4-Bromofluorobenzene (Surr)	82		66 - 120					05/20/14 12:08	500
Toluene-d8 (Surr)	87		74 - 120					05/20/14 12:08	500
Dibromofluoromethane (Surr)	85		75 - 121					05/20/14 12:08	500

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: EB-301-GW**

**Lab Sample ID: 240-37154-6**

**Date Collected: 05/08/14 11:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 18:49	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 18:49	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 18:49	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 18:49	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 18:49	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 18:49	1
Acetone	ND		10		ug/L			05/17/14 18:49	1
Benzene	ND		1.0		ug/L			05/17/14 18:49	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 18:49	1
Chloroethane	ND		1.0		ug/L			05/17/14 18:49	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 18:49	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 18:49	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 18:49	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 18:49	1
Toluene	ND		1.0		ug/L			05/17/14 18:49	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 18:49	1
Trichloroethene	ND		1.0		ug/L			05/17/14 18:49	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 18:49	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 18:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129		05/17/14 18:49	1
4-Bromofluorobenzene (Surr)	80		66 - 120		05/17/14 18:49	1
Toluene-d8 (Surr)	90		74 - 120		05/17/14 18:49	1
Dibromofluoromethane (Surr)	84		75 - 121		05/17/14 18:49	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: SW-17-2014-S**

**Lab Sample ID: 240-37154-7**

**Date Collected: 05/08/14 13:10**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 19:11	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 19:11	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 19:11	1
Benzene	ND		1.0		ug/L			05/17/14 19:11	1
<b>cis-1,2-Dichloroethene</b>	<b>25</b>		1.0		ug/L			05/17/14 19:11	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 19:11	1
Toluene	ND		1.0		ug/L			05/17/14 19:11	1
<b>Trichloroethene</b>	<b>5.8</b>		1.0		ug/L			05/17/14 19:11	1
<b>Vinyl chloride</b>	<b>2.4</b>		1.0		ug/L			05/17/14 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		63 - 129		05/17/14 19:11	1
4-Bromofluorobenzene (Surr)	77		66 - 120		05/17/14 19:11	1
Toluene-d8 (Surr)	90		74 - 120		05/17/14 19:11	1
Dibromofluoromethane (Surr)	86		75 - 121		05/17/14 19:11	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: SW-9-2014-S**

**Lab Sample ID: 240-37154-8**

**Date Collected: 05/08/14 13:50**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 20:45	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 20:45	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 20:45	1
Benzene	ND		1.0		ug/L			05/17/14 20:45	1
<b>cis-1,2-Dichloroethene</b>	<b>36</b>		1.0		ug/L			05/17/14 20:45	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 20:45	1
Toluene	ND		1.0		ug/L			05/17/14 20:45	1
<b>Trichloroethene</b>	<b>8.0</b>		1.0		ug/L			05/17/14 20:45	1
<b>Vinyl chloride</b>	<b>4.1</b>		1.0		ug/L			05/17/14 20:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129					05/17/14 20:45	1
4-Bromofluorobenzene (Surr)	77		66 - 120					05/17/14 20:45	1
Toluene-d8 (Surr)	91		74 - 120					05/17/14 20:45	1
Dibromofluoromethane (Surr)	86		75 - 121					05/17/14 20:45	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: SW-19-2014-S**

**Lab Sample ID: 240-37154-9**

**Date Collected: 05/08/14 15:15**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		2.0		ug/L			05/17/14 21:09	2
1,1-Dichloroethene	ND		2.0		ug/L			05/17/14 21:09	2
1,2-Dichloroethane	ND		2.0		ug/L			05/17/14 21:09	2
Benzene	ND		2.0		ug/L			05/17/14 21:09	2
<b>cis-1,2-Dichloroethene</b>	<b>60</b>		2.0		ug/L			05/17/14 21:09	2
Tetrachloroethene	ND		2.0		ug/L			05/17/14 21:09	2
Toluene	ND		2.0		ug/L			05/17/14 21:09	2
<b>Trichloroethene</b>	<b>6.9</b>		2.0		ug/L			05/17/14 21:09	2
<b>Vinyl chloride</b>	<b>10</b>		2.0		ug/L			05/17/14 21:09	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		63 - 129					05/17/14 21:09	2
4-Bromofluorobenzene (Surr)	79		66 - 120					05/17/14 21:09	2
Toluene-d8 (Surr)	89		74 - 120					05/17/14 21:09	2
Dibromofluoromethane (Surr)	84		75 - 121					05/17/14 21:09	2

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: SW-12-2014-S**

**Lab Sample ID: 240-37154-10**

**Date Collected: 05/08/14 15:40**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/19/14 14:27	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 14:27	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 14:27	1
Benzene	ND		1.0		ug/L			05/19/14 14:27	1
<b>cis-1,2-Dichloroethene</b>	<b>4.5</b>		1.0		ug/L			05/19/14 14:27	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 14:27	1
Toluene	ND		1.0		ug/L			05/19/14 14:27	1
<b>Trichloroethene</b>	<b>8.7</b>		1.0		ug/L			05/19/14 14:27	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		05/19/14 14:27	1
4-Bromofluorobenzene (Surr)	79		66 - 120		05/19/14 14:27	1
Toluene-d8 (Surr)	92		74 - 120		05/19/14 14:27	1
Dibromofluoromethane (Surr)	97		75 - 121		05/19/14 14:27	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: SW-22-2014-S**

**Lab Sample ID: 240-37154-11**

**Date Collected: 05/08/14 16:05**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 21:32	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 21:32	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 21:32	1
Benzene	ND		1.0		ug/L			05/17/14 21:32	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 21:32	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 21:32	1
Toluene	ND		1.0		ug/L			05/17/14 21:32	1
Trichloroethene	ND		1.0		ug/L			05/17/14 21:32	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 21:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129					05/17/14 21:32	1
4-Bromofluorobenzene (Surr)	77		66 - 120					05/17/14 21:32	1
Toluene-d8 (Surr)	90		74 - 120					05/17/14 21:32	1
Dibromofluoromethane (Surr)	85		75 - 121					05/17/14 21:32	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: FD-03-SW-2014-S**

**Lab Sample ID: 240-37154-12**

**Date Collected: 05/08/14 12:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.7		ug/L			05/17/14 21:56	1.67
1,1-Dichloroethene	ND		1.7		ug/L			05/17/14 21:56	1.67
1,2-Dichloroethane	ND		1.7		ug/L			05/17/14 21:56	1.67
Benzene	ND		1.7		ug/L			05/17/14 21:56	1.67
<b>cis-1,2-Dichloroethene</b>	<b>58</b>		1.7		ug/L			05/17/14 21:56	1.67
Tetrachloroethene	ND		1.7		ug/L			05/17/14 21:56	1.67
Toluene	ND		1.7		ug/L			05/17/14 21:56	1.67
<b>Trichloroethene</b>	<b>6.8</b>		1.7		ug/L			05/17/14 21:56	1.67
<b>Vinyl chloride</b>	<b>9.8</b>		1.7		ug/L			05/17/14 21:56	1.67
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	78		63 - 129					05/17/14 21:56	1.67
4-Bromofluorobenzene (Surr)	79		66 - 120					05/17/14 21:56	1.67
Toluene-d8 (Surr)	90		74 - 120					05/17/14 21:56	1.67
Dibromofluoromethane (Surr)	86		75 - 121					05/17/14 21:56	1.67

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: TB-301-2014S**

**Lab Sample ID: 240-37154-13**

**Date Collected: 05/08/14 00:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/20/14 13:31	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 13:31	1
1,1-Dichloroethane	ND		1.0		ug/L			05/20/14 13:31	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 13:31	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 13:31	1
1,2-Dichloropropane	ND		1.0		ug/L			05/20/14 13:31	1
Acetone	ND		10		ug/L			05/20/14 13:31	1
Benzene	ND		1.0		ug/L			05/20/14 13:31	1
Carbon disulfide	ND		1.0		ug/L			05/20/14 13:31	1
Chloroethane	ND	*	1.0		ug/L			05/20/14 13:31	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 13:31	1
Ethylbenzene	ND		1.0		ug/L			05/20/14 13:31	1
Methylene Chloride	ND		1.0		ug/L			05/20/14 13:31	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 13:31	1
Toluene	ND		1.0		ug/L			05/20/14 13:31	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 13:31	1
Trichloroethene	ND		1.0		ug/L			05/20/14 13:31	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 13:31	1
Xylenes, Total	ND		2.0		ug/L			05/20/14 13:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		63 - 129					05/20/14 13:31	1
4-Bromofluorobenzene (Surr)	83		66 - 120					05/20/14 13:31	1
Toluene-d8 (Surr)	82		74 - 120					05/20/14 13:31	1
Dibromofluoromethane (Surr)	109		75 - 121					05/20/14 13:31	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: EB-302-SW**

**Lab Sample ID: 240-37154-14**

**Date Collected: 05/08/14 16:20**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/19/14 15:12	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 15:12	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 15:12	1
Benzene	ND		1.0		ug/L			05/19/14 15:12	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 15:12	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 15:12	1
Toluene	ND		1.0		ug/L			05/19/14 15:12	1
Trichloroethene	ND		1.0		ug/L			05/19/14 15:12	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 15:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		05/19/14 15:12	1
4-Bromofluorobenzene (Surr)	73		66 - 120		05/19/14 15:12	1
Toluene-d8 (Surr)	94		74 - 120		05/19/14 15:12	1
Dibromofluoromethane (Surr)	89		75 - 121		05/19/14 15:12	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: SD-17-2014-S**

**Lab Sample ID: 240-37154-15**

**Date Collected: 05/08/14 13:15**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 79.6**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8		ug/Kg	*	05/15/14 12:14	05/15/14 16:13	1
1,1-Dichloroethene	ND		5.8		ug/Kg	*	05/15/14 12:14	05/15/14 16:13	1
1,2-Dichloroethane	ND		5.8		ug/Kg	*	05/15/14 12:14	05/15/14 16:13	1
Benzene	ND		5.8		ug/Kg	*	05/15/14 12:14	05/15/14 16:13	1
cis-1,2-Dichloroethene	ND		2.9		ug/Kg	*	05/15/14 12:14	05/15/14 16:13	1
Tetrachloroethene	ND		5.8		ug/Kg	*	05/15/14 12:14	05/15/14 16:13	1
Toluene	ND		5.8		ug/Kg	*	05/15/14 12:14	05/15/14 16:13	1
Trichloroethene	ND		5.8		ug/Kg	*	05/15/14 12:14	05/15/14 16:13	1
Vinyl chloride	ND		12		ug/Kg	*	05/15/14 12:14	05/15/14 16:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		39 - 128	05/15/14 12:14	05/15/14 16:13	1
4-Bromofluorobenzene (Surr)	102		26 - 141	05/15/14 12:14	05/15/14 16:13	1
Toluene-d8 (Surr)	107		33 - 134	05/15/14 12:14	05/15/14 16:13	1
Dibromofluoromethane (Surr)	99		37 - 122	05/15/14 12:14	05/15/14 16:13	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: SD-9-2014-S**

**Lab Sample ID: 240-37154-16**

**Date Collected: 05/08/14 14:00**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 80.8**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6		ug/Kg	*	05/15/14 12:14	05/15/14 16:39	1
1,1-Dichloroethene	ND		5.6		ug/Kg	*	05/15/14 12:14	05/15/14 16:39	1
1,2-Dichloroethane	ND		5.6		ug/Kg	*	05/15/14 12:14	05/15/14 16:39	1
Benzene	ND		5.6		ug/Kg	*	05/15/14 12:14	05/15/14 16:39	1
cis-1,2-Dichloroethene	ND		2.8		ug/Kg	*	05/15/14 12:14	05/15/14 16:39	1
Tetrachloroethene	ND		5.6		ug/Kg	*	05/15/14 12:14	05/15/14 16:39	1
Toluene	ND		5.6		ug/Kg	*	05/15/14 12:14	05/15/14 16:39	1
Trichloroethene	ND		5.6		ug/Kg	*	05/15/14 12:14	05/15/14 16:39	1
Vinyl chloride	ND		11		ug/Kg	*	05/15/14 12:14	05/15/14 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		39 - 128				05/15/14 12:14	05/15/14 16:39	1
4-Bromofluorobenzene (Surr)	101		26 - 141				05/15/14 12:14	05/15/14 16:39	1
Toluene-d8 (Surr)	108		33 - 134				05/15/14 12:14	05/15/14 16:39	1
Dibromofluoromethane (Surr)	97		37 - 122				05/15/14 12:14	05/15/14 16:39	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: SD-4-2014-S**

**Lab Sample ID: 240-37154-17**

**Date Collected: 05/08/14 15:20**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 80.8**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8		ug/Kg	*	05/15/14 12:14	05/15/14 17:04	1
1,1-Dichloroethene	ND		5.8		ug/Kg	*	05/15/14 12:14	05/15/14 17:04	1
1,2-Dichloroethane	ND		5.8		ug/Kg	*	05/15/14 12:14	05/15/14 17:04	1
Benzene	ND		5.8		ug/Kg	*	05/15/14 12:14	05/15/14 17:04	1
<b>cis-1,2-Dichloroethene</b>	<b>3.0</b>		2.9		ug/Kg	*	05/15/14 12:14	05/15/14 17:04	1
Tetrachloroethene	ND		5.8		ug/Kg	*	05/15/14 12:14	05/15/14 17:04	1
Toluene	ND		5.8		ug/Kg	*	05/15/14 12:14	05/15/14 17:04	1
Trichloroethene	ND		5.8		ug/Kg	*	05/15/14 12:14	05/15/14 17:04	1
Vinyl chloride	ND		12		ug/Kg	*	05/15/14 12:14	05/15/14 17:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		39 - 128				05/15/14 12:14	05/15/14 17:04	1
4-Bromofluorobenzene (Surr)	101		26 - 141				05/15/14 12:14	05/15/14 17:04	1
Toluene-d8 (Surr)	106		33 - 134				05/15/14 12:14	05/15/14 17:04	1
Dibromofluoromethane (Surr)	99		37 - 122				05/15/14 12:14	05/15/14 17:04	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: SD-12-2014-S**

**Lab Sample ID: 240-37154-18**

**Date Collected: 05/08/14 15:45**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 74.7**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		11		ug/Kg	☼	05/16/14 12:20	05/16/14 15:45	1
1,1-Dichloroethene	ND		11		ug/Kg	☼	05/16/14 12:20	05/16/14 15:45	1
1,2-Dichloroethane	ND		11		ug/Kg	☼	05/16/14 12:20	05/16/14 15:45	1
Benzene	ND		11		ug/Kg	☼	05/16/14 12:20	05/16/14 15:45	1
<b>cis-1,2-Dichloroethene</b>	<b>46</b>		5.3		ug/Kg	☼	05/16/14 12:20	05/16/14 15:45	1
Tetrachloroethene	ND		11		ug/Kg	☼	05/16/14 12:20	05/16/14 15:45	1
Toluene	ND		11		ug/Kg	☼	05/16/14 12:20	05/16/14 15:45	1
<b>Trichloroethene</b>	<b>140</b>		11		ug/Kg	☼	05/16/14 12:20	05/16/14 15:45	1
Vinyl chloride	ND		21		ug/Kg	☼	05/16/14 12:20	05/16/14 15:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		39 - 128				05/16/14 12:20	05/16/14 15:45	1
4-Bromofluorobenzene (Surr)	81		26 - 141				05/16/14 12:20	05/16/14 15:45	1
Toluene-d8 (Surr)	88		33 - 134				05/16/14 12:20	05/16/14 15:45	1
Dibromofluoromethane (Surr)	82		37 - 122				05/16/14 12:20	05/16/14 15:45	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: SD-7-2014-S**

**Lab Sample ID: 240-37154-19**

**Date Collected: 05/08/14 16:10**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 79.7**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5		ug/Kg	☼	05/15/14 12:14	05/15/14 18:44	1
1,1-Dichloroethene	ND		5.5		ug/Kg	☼	05/15/14 12:14	05/15/14 18:44	1
1,2-Dichloroethane	ND		5.5		ug/Kg	☼	05/15/14 12:14	05/15/14 18:44	1
Benzene	ND		5.5		ug/Kg	☼	05/15/14 12:14	05/15/14 18:44	1
cis-1,2-Dichloroethene	ND		2.8		ug/Kg	☼	05/15/14 12:14	05/15/14 18:44	1
Tetrachloroethene	ND		5.5		ug/Kg	☼	05/15/14 12:14	05/15/14 18:44	1
Toluene	ND		5.5		ug/Kg	☼	05/15/14 12:14	05/15/14 18:44	1
Trichloroethene	ND		5.5		ug/Kg	☼	05/15/14 12:14	05/15/14 18:44	1
Vinyl chloride	ND		11		ug/Kg	☼	05/15/14 12:14	05/15/14 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		39 - 128	05/15/14 12:14	05/15/14 18:44	1
4-Bromofluorobenzene (Surr)	102		26 - 141	05/15/14 12:14	05/15/14 18:44	1
Toluene-d8 (Surr)	106		33 - 134	05/15/14 12:14	05/15/14 18:44	1
Dibromofluoromethane (Surr)	98		37 - 122	05/15/14 12:14	05/15/14 18:44	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: FD-04-SD-2014-S**

**Lab Sample ID: 240-37154-20**

**Date Collected: 05/08/14 12:15**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 81.8**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.5		ug/Kg	☼	05/15/14 12:14	05/15/14 19:10	1
1,1-Dichloroethene	ND		5.5		ug/Kg	☼	05/15/14 12:14	05/15/14 19:10	1
1,2-Dichloroethane	ND		5.5		ug/Kg	☼	05/15/14 12:14	05/15/14 19:10	1
Benzene	ND		5.5		ug/Kg	☼	05/15/14 12:14	05/15/14 19:10	1
<b>cis-1,2-Dichloroethene</b>	<b>3.5</b>		2.7		ug/Kg	☼	05/15/14 12:14	05/15/14 19:10	1
Tetrachloroethene	ND		5.5		ug/Kg	☼	05/15/14 12:14	05/15/14 19:10	1
Toluene	ND		5.5		ug/Kg	☼	05/15/14 12:14	05/15/14 19:10	1
Trichloroethene	ND		5.5		ug/Kg	☼	05/15/14 12:14	05/15/14 19:10	1
Vinyl chloride	ND		11		ug/Kg	☼	05/15/14 12:14	05/15/14 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		39 - 128	05/15/14 12:14	05/15/14 19:10	1
4-Bromofluorobenzene (Surr)	101		26 - 141	05/15/14 12:14	05/15/14 19:10	1
Toluene-d8 (Surr)	107		33 - 134	05/15/14 12:14	05/15/14 19:10	1
Dibromofluoromethane (Surr)	99		37 - 122	05/15/14 12:14	05/15/14 19:10	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: EB-303-SD**

**Lab Sample ID: 240-37154-21**

**Date Collected: 05/08/14 16:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/19/14 15:34	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 15:34	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 15:34	1
Benzene	ND		1.0		ug/L			05/19/14 15:34	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 15:34	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 15:34	1
Toluene	ND		1.0		ug/L			05/19/14 15:34	1
Trichloroethene	ND		1.0		ug/L			05/19/14 15:34	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 15:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129		05/19/14 15:34	1
4-Bromofluorobenzene (Surr)	78		66 - 120		05/19/14 15:34	1
Toluene-d8 (Surr)	88		74 - 120		05/19/14 15:34	1
Dibromofluoromethane (Surr)	93		75 - 121		05/19/14 15:34	1

# Surrogate Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Method: 8260A - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (39-128)	BFB (26-141)	TOL (33-134)	DBFM (37-122)
240-37154-15	SD-17-2014-S	92	102	107	99
240-37154-16	SD-9-2014-S	90	101	108	97
240-37154-17	SD-4-2014-S	91	101	106	99
240-37154-18	SD-12-2014-S	87	81	88	82
240-37154-18 MS	SD-12-2014-S	83	85	92	90
240-37154-18 MSD	SD-12-2014-S	85	85	91	90
240-37154-19	SD-7-2014-S	93	102	106	98
240-37154-20	FD-04-SD-2014-S	91	101	107	99
LCS 240-130825/5	Lab Control Sample	88	99	106	96
LCS 240-130966/5	Lab Control Sample	82	83	94	91
MB 240-130825/6	Method Blank	91	98	103	95
MB 240-130966/6	Method Blank	84	82	92	84

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
TOL = Toluene-d8 (Surr)  
DBFM = Dibromofluoromethane (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-120)	TOL (74-120)	DBFM (75-121)
240-37154-1	RT-5-2014-S	76	80	92	85
240-37154-1 MS	RT-5-2014-S	75	94	92	84
240-37154-1 MSD	RT-5-2014-S	75	96	92	82
240-37154-2	RT-4-2014-S	77	79	93	87
240-37154-3	RT-2-2014-S	78	82	86	85
240-37154-4	RT-1-2014-S	79	79	93	86
240-37154-5	FD-02-2014-S	79	82	87	85
240-37154-6	EB-301-GW	77	80	90	84
240-37154-7	SW-17-2014-S	76	77	90	86
240-37154-8	SW-9-2014-S	77	77	91	86
240-37154-9	SW-19-2014-S	78	79	89	84
240-37154-10	SW-12-2014-S	90	79	92	97
240-37154-10 MS	SW-12-2014-S	92	77	93	95
240-37154-10 MSD	SW-12-2014-S	89	77	94	94
240-37154-11	SW-22-2014-S	77	77	90	85
240-37154-12	FD-03-SW-2014-S	78	79	90	86
240-37154-13	TB-301-2014S	109	83	82	109
240-37154-14	EB-302-SW	87	73	94	89
240-37154-21	EB-303-SD	89	78	88	93
LCS 240-131072/4	Lab Control Sample	80	95	95	83
LCS 240-131131/4	Lab Control Sample	74	92	91	83
LCS 240-131196/3	Lab Control Sample	89	79	95	95
LCS 240-131333/4	Lab Control Sample	76	96	90	84
LCS 240-131335/4	Lab Control Sample	97	92	84	104

TestAmerica Canton

# Surrogate Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	12DCE (63-129)	BFB (66-120)	TOL (74-120)	DBFM (75-121)
MB 240-131072/5	Method Blank	77	80	90	88
MB 240-131131/5	Method Blank	78	80	89	84
MB 240-131196/5	Method Blank	93	75	92	88
MB 240-131333/5	Method Blank	78	81	86	87
MB 240-131335/5	Method Blank	102	81	80	107

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Method: 8260A - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-130825/6**

**Matrix: Solid**

**Analysis Batch: 130825**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0		ug/Kg			05/15/14 12:53	1
1,1-Dichloroethene	ND		5.0		ug/Kg			05/15/14 12:53	1
1,2-Dichloroethane	ND		5.0		ug/Kg			05/15/14 12:53	1
Benzene	ND		5.0		ug/Kg			05/15/14 12:53	1
cis-1,2-Dichloroethene	ND		2.5		ug/Kg			05/15/14 12:53	1
Tetrachloroethene	ND		5.0		ug/Kg			05/15/14 12:53	1
Toluene	ND		5.0		ug/Kg			05/15/14 12:53	1
Trichloroethene	ND		5.0		ug/Kg			05/15/14 12:53	1
Vinyl chloride	ND		10		ug/Kg			05/15/14 12:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		39 - 128		05/15/14 12:53	1
4-Bromofluorobenzene (Surr)	98		26 - 141		05/15/14 12:53	1
Toluene-d8 (Surr)	103		33 - 134		05/15/14 12:53	1
Dibromofluoromethane (Surr)	95		37 - 122		05/15/14 12:53	1

**Lab Sample ID: LCS 240-130825/5**

**Matrix: Solid**

**Analysis Batch: 130825**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	50.0	51.2		ug/Kg		102	74 - 120
1,1-Dichloroethene	50.0	46.5		ug/Kg		93	44 - 143
1,2-Dichloroethane	50.0	50.1		ug/Kg		100	68 - 120
Benzene	50.0	50.2		ug/Kg		100	70 - 120
cis-1,2-Dichloroethene	50.0	50.2		ug/Kg		100	60 - 125
Tetrachloroethene	50.0	55.8		ug/Kg		112	58 - 131
Toluene	50.0	53.2		ug/Kg		106	66 - 123
Trichloroethene	50.0	54.9		ug/Kg		110	59 - 124
Vinyl chloride	50.0	47.1		ug/Kg		94	33 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		39 - 128
4-Bromofluorobenzene (Surr)	99		26 - 141
Toluene-d8 (Surr)	106		33 - 134
Dibromofluoromethane (Surr)	96		37 - 122

**Lab Sample ID: MB 240-130966/6**

**Matrix: Solid**

**Analysis Batch: 130966**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0		ug/Kg			05/16/14 12:34	1
1,1-Dichloroethene	ND		5.0		ug/Kg			05/16/14 12:34	1
1,2-Dichloroethane	ND		5.0		ug/Kg			05/16/14 12:34	1
Benzene	ND		5.0		ug/Kg			05/16/14 12:34	1
cis-1,2-Dichloroethene	ND		2.5		ug/Kg			05/16/14 12:34	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Method: 8260A - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-130966/6**

**Matrix: Solid**

**Analysis Batch: 130966**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		5.0		ug/Kg			05/16/14 12:34	1
Toluene	ND		5.0		ug/Kg			05/16/14 12:34	1
Trichloroethene	ND		5.0		ug/Kg			05/16/14 12:34	1
Vinyl chloride	ND		10		ug/Kg			05/16/14 12:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		39 - 128		05/16/14 12:34	1
4-Bromofluorobenzene (Surr)	82		26 - 141		05/16/14 12:34	1
Toluene-d8 (Surr)	92		33 - 134		05/16/14 12:34	1
Dibromofluoromethane (Surr)	84		37 - 122		05/16/14 12:34	1

**Lab Sample ID: LCS 240-130966/5**

**Matrix: Solid**

**Analysis Batch: 130966**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	50.0	54.0		ug/Kg		108	74 - 120
1,1-Dichloroethene	50.0	50.7		ug/Kg		101	44 - 143
1,2-Dichloroethane	50.0	47.4		ug/Kg		95	68 - 120
Benzene	50.0	53.5		ug/Kg		107	70 - 120
cis-1,2-Dichloroethene	50.0	52.8		ug/Kg		106	60 - 125
Tetrachloroethene	50.0	57.9		ug/Kg		116	58 - 131
Toluene	50.0	56.4		ug/Kg		113	66 - 123
Trichloroethene	50.0	57.3		ug/Kg		115	59 - 124
Vinyl chloride	50.0	47.3		ug/Kg		95	33 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	82		39 - 128
4-Bromofluorobenzene (Surr)	83		26 - 141
Toluene-d8 (Surr)	94		33 - 134
Dibromofluoromethane (Surr)	91		37 - 122

**Lab Sample ID: 240-37154-18 MS**

**Matrix: Solid**

**Analysis Batch: 130966**

**Client Sample ID: SD-12-2014-S**

**Prep Type: Total/NA**

**Prep Batch: 130998**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		106	115		ug/Kg	☼	109	34 - 152
1,1-Dichloroethene	ND		106	99.9		ug/Kg	☼	94	10 - 179
1,2-Dichloroethane	ND		106	100		ug/Kg	☼	95	25 - 150
Benzene	ND		106	106		ug/Kg	☼	100	10 - 199
cis-1,2-Dichloroethene	46		106	150		ug/Kg	☼	99	34 - 137
Tetrachloroethene	ND		106	98.8		ug/Kg	☼	93	19 - 153
Toluene	ND		106	104		ug/Kg	☼	98	10 - 168
Trichloroethene	140		106	251		ug/Kg	☼	103	10 - 193
Vinyl chloride	ND		106	93.0		ug/Kg	☼	88	15 - 123

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Method: 8260A - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-37154-18 MS**

**Matrix: Solid**

**Analysis Batch: 130966**

**Client Sample ID: SD-12-2014-S**

**Prep Type: Total/NA**

**Prep Batch: 130998**

<i>Surrogate</i>	<i>MS</i> %Recovery	<i>MS</i> Qualifier	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	83		39 - 128
4-Bromofluorobenzene (Surr)	85		26 - 141
Toluene-d8 (Surr)	92		33 - 134
Dibromofluoromethane (Surr)	90		37 - 122

**Lab Sample ID: 240-37154-18 MSD**

**Matrix: Solid**

**Analysis Batch: 130966**

**Client Sample ID: SD-12-2014-S**

**Prep Type: Total/NA**

**Prep Batch: 130998**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
1,1,2-Trichloroethane	ND		108	117		ug/Kg	*	108	34 - 152	2	30	
1,1-Dichloroethane	ND		108	102		ug/Kg	*	94	10 - 179	2	30	
1,2-Dichloroethane	ND		108	103		ug/Kg	*	95	25 - 150	3	30	
Benzene	ND		108	107		ug/Kg	*	99	10 - 199	1	30	
cis-1,2-Dichloroethene	46		108	162		ug/Kg	*	107	34 - 137	8	30	
Tetrachloroethene	ND		108	96.4		ug/Kg	*	89	19 - 153	2	30	
Toluene	ND		108	102		ug/Kg	*	94	10 - 168	2	30	
Trichloroethene	140		108	272		ug/Kg	*	120	10 - 193	8	30	
Vinyl chloride	ND		108	95.6		ug/Kg	*	88	15 - 123	3	30	

<i>Surrogate</i>	<i>MSD</i> %Recovery	<i>MSD</i> Qualifier	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	85		39 - 128
4-Bromofluorobenzene (Surr)	85		26 - 141
Toluene-d8 (Surr)	91		33 - 134
Dibromofluoromethane (Surr)	90		37 - 122

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-131072/5**

**Matrix: Water**

**Analysis Batch: 131072**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 12:35	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 12:35	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 12:35	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 12:35	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 12:35	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 12:35	1
Acetone	ND		10		ug/L			05/17/14 12:35	1
Benzene	ND		1.0		ug/L			05/17/14 12:35	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 12:35	1
Chloroethane	ND		1.0		ug/L			05/17/14 12:35	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 12:35	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 12:35	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 12:35	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 12:35	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-131072/5**

**Matrix: Water**

**Analysis Batch: 131072**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0		ug/L			05/17/14 12:35	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 12:35	1
Trichloroethene	ND		1.0		ug/L			05/17/14 12:35	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 12:35	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 12:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129		05/17/14 12:35	1
4-Bromofluorobenzene (Surr)	80		66 - 120		05/17/14 12:35	1
Toluene-d8 (Surr)	90		74 - 120		05/17/14 12:35	1
Dibromofluoromethane (Surr)	88		75 - 121		05/17/14 12:35	1

**Lab Sample ID: LCS 240-131072/4**

**Matrix: Water**

**Analysis Batch: 131072**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.74		ug/L		97	74 - 120
1,1,2-Trichloroethane	10.0	9.84		ug/L		98	80 - 120
1,1-Dichloroethane	10.0	10.2		ug/L		102	80 - 120
1,1-Dichloroethene	10.0	10.5		ug/L		105	78 - 131
1,2-Dichloroethane	10.0	9.01		ug/L		90	71 - 127
1,2-Dichloropropane	10.0	9.82		ug/L		98	80 - 120
Acetone	20.0	15.8		ug/L		79	43 - 136
Benzene	10.0	9.86		ug/L		99	80 - 120
Carbon disulfide	10.0	10.5		ug/L		105	62 - 142
Chloroethane	10.0	9.25		ug/L		92	25 - 153
cis-1,2-Dichloroethene	10.0	9.59		ug/L		96	80 - 120
Ethylbenzene	10.0	9.43		ug/L		94	80 - 120
Methylene Chloride	10.0	9.98		ug/L		100	66 - 131
Tetrachloroethene	10.0	10.9		ug/L		109	79 - 120
Toluene	10.0	10.7		ug/L		107	80 - 120
trans-1,2-Dichloroethene	10.0	10.1		ug/L		101	80 - 120
Trichloroethene	10.0	9.78		ug/L		98	76 - 120
Vinyl chloride	10.0	9.55		ug/L		96	53 - 127
Xylenes, Total	20.0	18.7		ug/L		93	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	80		63 - 129
4-Bromofluorobenzene (Surr)	95		66 - 120
Toluene-d8 (Surr)	95		74 - 120
Dibromofluoromethane (Surr)	83		75 - 121

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-37154-1 MS**

**Matrix: Water**

**Analysis Batch: 131072**

**Client Sample ID: RT-5-2014-S**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
1,1,1-Trichloroethane	ND		66.7	63.1		ug/L		95	68 - 121
1,1,2-Trichloroethane	ND		66.7	64.4		ug/L		96	75 - 120
1,1-Dichloroethane	ND		66.7	67.5		ug/L		101	79 - 120
1,1-Dichloroethene	ND		66.7	65.4		ug/L		98	74 - 135
1,2-Dichloroethane	ND		66.7	59.1		ug/L		89	68 - 129
1,2-Dichloropropane	ND		66.7	64.6		ug/L		97	78 - 120
Acetone	ND		133	86.6		ug/L		65	33 - 145
Benzene	ND		66.7	64.1		ug/L		96	72 - 121
Carbon disulfide	ND		66.7	66.1		ug/L		99	57 - 147
Chloroethane	ND		66.7	64.5		ug/L		97	21 - 165
cis-1,2-Dichloroethene	210		66.7	263		ug/L		73	70 - 120
Ethylbenzene	ND		66.7	60.2		ug/L		90	75 - 120
Methylene Chloride	ND		66.7	62.9		ug/L		94	63 - 128
Tetrachloroethene	ND		66.7	68.7		ug/L		103	70 - 120
Toluene	ND		66.7	67.7		ug/L		101	78 - 120
trans-1,2-Dichloroethene	ND		66.7	67.6		ug/L		101	80 - 120
Trichloroethene	150		66.7	207		ug/L		84	66 - 120
Vinyl chloride	16		66.7	77.0		ug/L		91	49 - 130
Xylenes, Total	ND		133	116		ug/L		87	76 - 120

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	75		63 - 129
4-Bromofluorobenzene (Surr)	94		66 - 120
Toluene-d8 (Surr)	92		74 - 120
Dibromofluoromethane (Surr)	84		75 - 121

**Lab Sample ID: 240-37154-1 MSD**

**Matrix: Water**

**Analysis Batch: 131072**

**Client Sample ID: RT-5-2014-S**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		66.7	62.9		ug/L		94	68 - 121	0	30
1,1,2-Trichloroethane	ND		66.7	63.9		ug/L		96	75 - 120	1	30
1,1-Dichloroethane	ND		66.7	66.9		ug/L		100	79 - 120	1	30
1,1-Dichloroethene	ND		66.7	64.9		ug/L		97	74 - 135	1	30
1,2-Dichloroethane	ND		66.7	58.5		ug/L		88	68 - 129	1	30
1,2-Dichloropropane	ND		66.7	64.5		ug/L		97	78 - 120	0	30
Acetone	ND		133	102		ug/L		77	33 - 145	17	30
Benzene	ND		66.7	63.2		ug/L		95	72 - 121	1	30
Carbon disulfide	ND		66.7	66.3		ug/L		99	57 - 147	0	30
Chloroethane	ND		66.7	62.6		ug/L		94	21 - 165	3	30
cis-1,2-Dichloroethene	210		66.7	264		ug/L		75	70 - 120	1	30
Ethylbenzene	ND		66.7	58.8		ug/L		88	75 - 120	2	30
Methylene Chloride	ND		66.7	63.3		ug/L		95	63 - 128	1	30
Tetrachloroethene	ND		66.7	66.5		ug/L		100	70 - 120	3	30
Toluene	ND		66.7	66.7		ug/L		100	78 - 120	1	30
trans-1,2-Dichloroethene	ND		66.7	66.3		ug/L		99	80 - 120	2	30
Trichloroethene	150		66.7	205		ug/L		82	66 - 120	1	30

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-37154-1 MSD**

**Client Sample ID: RT-5-2014-S**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 131072**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Vinyl chloride	16		66.7	78.0		ug/L		92	49 - 130	1	30
Xylenes, Total	ND		133	117		ug/L		88	76 - 120	1	30
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
1,2-Dichloroethane-d4 (Surr)	75		63 - 129								
4-Bromofluorobenzene (Surr)	96		66 - 120								
Toluene-d8 (Surr)	92		74 - 120								
Dibromofluoromethane (Surr)	82		75 - 121								

**Lab Sample ID: MB 240-131131/5**

**Client Sample ID: Method Blank**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 131131**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0		ug/L			05/19/14 10:20	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/19/14 10:20	1
1,1-Dichloroethane	ND		1.0		ug/L			05/19/14 10:20	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 10:20	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 10:20	1
1,2-Dichloropropane	ND		1.0		ug/L			05/19/14 10:20	1
Acetone	ND		10		ug/L			05/19/14 10:20	1
Benzene	ND		1.0		ug/L			05/19/14 10:20	1
Carbon disulfide	ND		1.0		ug/L			05/19/14 10:20	1
Chloroethane	ND		1.0		ug/L			05/19/14 10:20	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 10:20	1
Ethylbenzene	ND		1.0		ug/L			05/19/14 10:20	1
Methylene Chloride	ND		1.0		ug/L			05/19/14 10:20	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 10:20	1
Toluene	ND		1.0		ug/L			05/19/14 10:20	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 10:20	1
Trichloroethene	ND		1.0		ug/L			05/19/14 10:20	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 10:20	1
Xylenes, Total	ND		2.0		ug/L			05/19/14 10:20	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	78		63 - 129					05/19/14 10:20	1
4-Bromofluorobenzene (Surr)	80		66 - 120					05/19/14 10:20	1
Toluene-d8 (Surr)	89		74 - 120					05/19/14 10:20	1
Dibromofluoromethane (Surr)	84		75 - 121					05/19/14 10:20	1

**Lab Sample ID: LCS 240-131131/4**

**Client Sample ID: Lab Control Sample**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 131131**

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
		Added	Result				Qualifier
1,1,1-Trichloroethane	10.0	9.96		ug/L		100	74 - 120
1,1,2-Trichloroethane	10.0	9.62		ug/L		96	80 - 120
1,1-Dichloroethane	10.0	10.3		ug/L		103	80 - 120

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131131/4**

**Matrix: Water**

**Analysis Batch: 131131**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	10.1		ug/L		101	78 - 131
1,2-Dichloroethane	10.0	9.14		ug/L		91	71 - 127
1,2-Dichloropropane	10.0	10.1		ug/L		101	80 - 120
Acetone	20.0	16.6		ug/L		83	43 - 136
Benzene	10.0	9.92		ug/L		99	80 - 120
Carbon disulfide	10.0	10.8		ug/L		108	62 - 142
Chloroethane	10.0	10.0		ug/L		100	25 - 153
cis-1,2-Dichloroethene	10.0	9.65		ug/L		97	80 - 120
Ethylbenzene	10.0	9.36		ug/L		94	80 - 120
Methylene Chloride	10.0	10.1		ug/L		101	66 - 131
Tetrachloroethene	10.0	10.8		ug/L		108	79 - 120
Toluene	10.0	10.5		ug/L		105	80 - 120
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 120
Trichloroethene	10.0	10.0		ug/L		100	76 - 120
Vinyl chloride	10.0	9.52		ug/L		95	53 - 127
Xylenes, Total	20.0	18.5		ug/L		93	80 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	74		63 - 129
4-Bromofluorobenzene (Surr)	92		66 - 120
Toluene-d8 (Surr)	91		74 - 120
Dibromofluoromethane (Surr)	83		75 - 121

**Lab Sample ID: MB 240-131196/5**

**Matrix: Water**

**Analysis Batch: 131196**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2-Trichloroethane	ND		1.0		ug/L			05/19/14 13:17	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 13:17	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 13:17	1
Benzene	ND		1.0		ug/L			05/19/14 13:17	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 13:17	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 13:17	1
Toluene	ND		1.0		ug/L			05/19/14 13:17	1
Trichloroethene	ND		1.0		ug/L			05/19/14 13:17	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 13:17	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		05/19/14 13:17	1
4-Bromofluorobenzene (Surr)	75		66 - 120		05/19/14 13:17	1
Toluene-d8 (Surr)	92		74 - 120		05/19/14 13:17	1
Dibromofluoromethane (Surr)	88		75 - 121		05/19/14 13:17	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131196/3**

**Matrix: Water**

**Analysis Batch: 131196**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	25.0	23.3		ug/L		93	80 - 120
1,1-Dichloroethene	25.0	29.1		ug/L		117	78 - 131
1,2-Dichloroethane	25.0	26.7		ug/L		107	71 - 127
Benzene	25.0	26.7		ug/L		107	80 - 120
cis-1,2-Dichloroethene	25.0	26.2		ug/L		105	80 - 120
Tetrachloroethene	25.0	27.9		ug/L		112	79 - 120
Toluene	25.0	25.0		ug/L		100	80 - 120
Trichloroethene	25.0	29.6		ug/L		118	76 - 120
Vinyl chloride	25.0	24.2		ug/L		97	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		63 - 129
4-Bromofluorobenzene (Surr)	79		66 - 120
Toluene-d8 (Surr)	95		74 - 120
Dibromofluoromethane (Surr)	95		75 - 121

**Lab Sample ID: 240-37154-10 MS**

**Matrix: Water**

**Analysis Batch: 131196**

**Client Sample ID: SW-12-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		25.0	23.8		ug/L		95	75 - 120
1,1-Dichloroethene	ND		25.0	24.9		ug/L		100	74 - 135
1,2-Dichloroethane	ND		25.0	27.7		ug/L		111	68 - 129
Benzene	ND		25.0	25.3		ug/L		101	72 - 121
cis-1,2-Dichloroethene	4.5		25.0	29.8		ug/L		101	70 - 120
Tetrachloroethene	ND		25.0	23.6		ug/L		94	70 - 120
Toluene	ND		25.0	22.9		ug/L		92	78 - 120
Trichloroethene	8.7		25.0	34.4		ug/L		103	66 - 120
Vinyl chloride	ND		25.0	19.1		ug/L		75	49 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		63 - 129
4-Bromofluorobenzene (Surr)	77		66 - 120
Toluene-d8 (Surr)	93		74 - 120
Dibromofluoromethane (Surr)	95		75 - 121

**Lab Sample ID: 240-37154-10 MSD**

**Matrix: Water**

**Analysis Batch: 131196**

**Client Sample ID: SW-12-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane	ND		25.0	23.0		ug/L		92	75 - 120	3	30
1,1-Dichloroethene	ND		25.0	24.5		ug/L		98	74 - 135	2	30
1,2-Dichloroethane	ND		25.0	26.7		ug/L		107	68 - 129	4	30
Benzene	ND		25.0	25.1		ug/L		100	72 - 121	1	30
cis-1,2-Dichloroethene	4.5		25.0	29.3		ug/L		99	70 - 120	2	30

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-37154-10 MSD**

**Client Sample ID: SW-12-2014-S**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 131196**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene	ND		25.0	23.8		ug/L		95	70 - 120	1	30
Toluene	ND		25.0	23.0		ug/L		92	78 - 120	0	30
Trichloroethene	8.7		25.0	34.6		ug/L		104	66 - 120	1	30
Vinyl chloride	ND		25.0	20.9		ug/L		82	49 - 130	9	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		63 - 129
4-Bromofluorobenzene (Surr)	77		66 - 120
Toluene-d8 (Surr)	94		74 - 120
Dibromofluoromethane (Surr)	94		75 - 121

**Lab Sample ID: MB 240-131333/5**

**Client Sample ID: Method Blank**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 131333**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/20/14 11:44	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 11:44	1
1,1-Dichloroethane	ND		1.0		ug/L			05/20/14 11:44	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 11:44	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 11:44	1
1,2-Dichloropropane	ND		1.0		ug/L			05/20/14 11:44	1
Acetone	ND		10		ug/L			05/20/14 11:44	1
Benzene	ND		1.0		ug/L			05/20/14 11:44	1
Carbon disulfide	ND		1.0		ug/L			05/20/14 11:44	1
Chloroethane	ND		1.0		ug/L			05/20/14 11:44	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 11:44	1
Ethylbenzene	ND		1.0		ug/L			05/20/14 11:44	1
Methylene Chloride	ND		1.0		ug/L			05/20/14 11:44	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 11:44	1
Toluene	ND		1.0		ug/L			05/20/14 11:44	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 11:44	1
Trichloroethene	ND		1.0		ug/L			05/20/14 11:44	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 11:44	1
Xylenes, Total	ND		2.0		ug/L			05/20/14 11:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		63 - 129		05/20/14 11:44	1
4-Bromofluorobenzene (Surr)	81		66 - 120		05/20/14 11:44	1
Toluene-d8 (Surr)	86		74 - 120		05/20/14 11:44	1
Dibromofluoromethane (Surr)	87		75 - 121		05/20/14 11:44	1

**Lab Sample ID: LCS 240-131333/4**

**Client Sample ID: Lab Control Sample**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 131333**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.96		ug/L		100	74 - 120

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131333/4**

**Matrix: Water**

**Analysis Batch: 131333**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	9.50		ug/L		95	80 - 120
1,1-Dichloroethane	10.0	10.1		ug/L		101	80 - 120
1,1-Dichloroethene	10.0	10.1		ug/L		101	78 - 131
1,2-Dichloroethane	10.0	8.89		ug/L		89	71 - 127
1,2-Dichloropropane	10.0	9.94		ug/L		99	80 - 120
Acetone	20.0	18.2		ug/L		91	43 - 136
Benzene	10.0	9.67		ug/L		97	80 - 120
Carbon disulfide	10.0	10.9		ug/L		109	62 - 142
Chloroethane	10.0	9.24		ug/L		92	25 - 153
cis-1,2-Dichloroethene	10.0	9.59		ug/L		96	80 - 120
Ethylbenzene	10.0	9.03		ug/L		90	80 - 120
Methylene Chloride	10.0	10.4		ug/L		104	66 - 131
Tetrachloroethene	10.0	10.4		ug/L		104	79 - 120
Toluene	10.0	10.1		ug/L		101	80 - 120
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 120
Trichloroethene	10.0	9.77		ug/L		98	76 - 120
Vinyl chloride	10.0	9.38		ug/L		94	53 - 127
Xylenes, Total	20.0	18.3		ug/L		92	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	76		63 - 129
4-Bromofluorobenzene (Surr)	96		66 - 120
Toluene-d8 (Surr)	90		74 - 120
Dibromofluoromethane (Surr)	84		75 - 121

**Lab Sample ID: MB 240-131335/5**

**Matrix: Water**

**Analysis Batch: 131335**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/20/14 12:00	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 12:00	1
1,1-Dichloroethane	ND		1.0		ug/L			05/20/14 12:00	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 12:00	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 12:00	1
1,2-Dichloropropane	ND		1.0		ug/L			05/20/14 12:00	1
Acetone	ND		10		ug/L			05/20/14 12:00	1
Benzene	ND		1.0		ug/L			05/20/14 12:00	1
Carbon disulfide	ND		1.0		ug/L			05/20/14 12:00	1
Chloroethane	ND		1.0		ug/L			05/20/14 12:00	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 12:00	1
Ethylbenzene	ND		1.0		ug/L			05/20/14 12:00	1
Methylene Chloride	ND		1.0		ug/L			05/20/14 12:00	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 12:00	1
Toluene	ND		1.0		ug/L			05/20/14 12:00	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 12:00	1
Trichloroethene	ND		1.0		ug/L			05/20/14 12:00	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 12:00	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-131335/5**

**Matrix: Water**

**Analysis Batch: 131335**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		2.0		ug/L			05/20/14 12:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		05/20/14 12:00	1
4-Bromofluorobenzene (Surr)	81		66 - 120		05/20/14 12:00	1
Toluene-d8 (Surr)	80		74 - 120		05/20/14 12:00	1
Dibromofluoromethane (Surr)	107		75 - 121		05/20/14 12:00	1

**Lab Sample ID: LCS 240-131335/4**

**Matrix: Water**

**Analysis Batch: 131335**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	10.8		ug/L		108	74 - 120
1,1,2-Trichloroethane	10.0	8.91		ug/L		89	80 - 120
1,1-Dichloroethane	10.0	11.1		ug/L		111	80 - 120
1,1-Dichloroethene	10.0	10.6		ug/L		106	78 - 131
1,2-Dichloroethane	10.0	11.5		ug/L		115	71 - 127
1,2-Dichloropropane	10.0	10.6		ug/L		106	80 - 120
Acetone	20.0	18.2		ug/L		91	43 - 136
Benzene	10.0	10.4		ug/L		104	80 - 120
Carbon disulfide	10.0	10.0		ug/L		100	62 - 142
Chloroethane	10.0	17.8	*	ug/L		178	25 - 153
cis-1,2-Dichloroethane	10.0	11.6		ug/L		116	80 - 120
Ethylbenzene	10.0	10.2		ug/L		102	80 - 120
Methylene Chloride	10.0	12.5		ug/L		125	66 - 131
Tetrachloroethene	10.0	10.0		ug/L		100	79 - 120
Toluene	10.0	9.49		ug/L		95	80 - 120
trans-1,2-Dichloroethene	10.0	11.8		ug/L		118	80 - 120
Trichloroethene	10.0	11.5		ug/L		115	76 - 120
Vinyl chloride	10.0	10.4		ug/L		104	53 - 127
Xylenes, Total	20.0	20.3		ug/L		102	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		63 - 129
4-Bromofluorobenzene (Surr)	92		66 - 120
Toluene-d8 (Surr)	84		74 - 120
Dibromofluoromethane (Surr)	104		75 - 121

TestAmerica Canton

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## GC/MS VOA

### Analysis Batch: 130825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-15	SD-17-2014-S	Total/NA	Solid	8260A	130840
240-37154-16	SD-9-2014-S	Total/NA	Solid	8260A	130840
240-37154-17	SD-4-2014-S	Total/NA	Solid	8260A	130840
240-37154-19	SD-7-2014-S	Total/NA	Solid	8260A	130840
240-37154-20	FD-04-SD-2014-S	Total/NA	Solid	8260A	130840
LCS 240-130825/5	Lab Control Sample	Total/NA	Solid	8260A	
MB 240-130825/6	Method Blank	Total/NA	Solid	8260A	

### Prep Batch: 130840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-15	SD-17-2014-S	Total/NA	Solid	5030B	
240-37154-16	SD-9-2014-S	Total/NA	Solid	5030B	
240-37154-17	SD-4-2014-S	Total/NA	Solid	5030B	
240-37154-19	SD-7-2014-S	Total/NA	Solid	5030B	
240-37154-20	FD-04-SD-2014-S	Total/NA	Solid	5030B	

### Analysis Batch: 130966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-18	SD-12-2014-S	Total/NA	Solid	8260A	130998
240-37154-18 MS	SD-12-2014-S	Total/NA	Solid	8260A	130998
240-37154-18 MSD	SD-12-2014-S	Total/NA	Solid	8260A	130998
LCS 240-130966/5	Lab Control Sample	Total/NA	Solid	8260A	
MB 240-130966/6	Method Blank	Total/NA	Solid	8260A	

### Prep Batch: 130998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-18	SD-12-2014-S	Total/NA	Solid	5030B	
240-37154-18 MS	SD-12-2014-S	Total/NA	Solid	5030B	
240-37154-18 MSD	SD-12-2014-S	Total/NA	Solid	5030B	

### Analysis Batch: 131072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-1	RT-5-2014-S	Total/NA	Water	8260B	
240-37154-1 MS	RT-5-2014-S	Total/NA	Water	8260B	
240-37154-1 MSD	RT-5-2014-S	Total/NA	Water	8260B	
240-37154-2	RT-4-2014-S	Total/NA	Water	8260B	
240-37154-4	RT-1-2014-S	Total/NA	Water	8260B	
240-37154-6	EB-301-GW	Total/NA	Water	8260B	
240-37154-7	SW-17-2014-S	Total/NA	Water	8260B	
240-37154-8	SW-9-2014-S	Total/NA	Water	8260B	
240-37154-9	SW-19-2014-S	Total/NA	Water	8260B	
240-37154-11	SW-22-2014-S	Total/NA	Water	8260B	
240-37154-12	FD-03-SW-2014-S	Total/NA	Water	8260B	
LCS 240-131072/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131072/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-3	RT-2-2014-S	Total/NA	Water	8260B	
LCS 240-131131/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131131/5	Method Blank	Total/NA	Water	8260B	

TestAmerica Canton

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## GC/MS VOA (Continued)

### Analysis Batch: 131196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-10	SW-12-2014-S	Total/NA	Water	8260B	
240-37154-10 MS	SW-12-2014-S	Total/NA	Water	8260B	
240-37154-10 MSD	SW-12-2014-S	Total/NA	Water	8260B	
240-37154-14	EB-302-SW	Total/NA	Water	8260B	
240-37154-21	EB-303-SD	Total/NA	Water	8260B	
LCS 240-131196/3	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131196/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-5	FD-02-2014-S	Total/NA	Water	8260B	
LCS 240-131333/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131333/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-13	TB-301-2014S	Total/NA	Water	8260B	
LCS 240-131335/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131335/5	Method Blank	Total/NA	Water	8260B	

## General Chemistry

### Analysis Batch: 130212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-15	SD-17-2014-S	Total/NA	Solid	Moisture	
240-37154-16	SD-9-2014-S	Total/NA	Solid	Moisture	
240-37154-17	SD-4-2014-S	Total/NA	Solid	Moisture	
240-37154-18	SD-12-2014-S	Total/NA	Solid	Moisture	
240-37154-18 DU	SD-12-2014-S	Total/NA	Solid	Moisture	
240-37154-19	SD-7-2014-S	Total/NA	Solid	Moisture	
240-37154-20	FD-04-SD-2014-S	Total/NA	Solid	Moisture	

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: RT-5-2014-S**

**Lab Sample ID: 240-37154-1**

Date Collected: 05/08/14 09:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		6.67	131072	05/17/14 19:35	LEE	TAL CAN

**Client Sample ID: RT-4-2014-S**

**Lab Sample ID: 240-37154-2**

Date Collected: 05/08/14 10:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		100	131072	05/17/14 17:15	LEE	TAL CAN

**Client Sample ID: RT-2-2014-S**

**Lab Sample ID: 240-37154-3**

Date Collected: 05/08/14 10:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		500	131131	05/19/14 20:10	LEE	TAL CAN

**Client Sample ID: RT-1-2014-S**

**Lab Sample ID: 240-37154-4**

Date Collected: 05/08/14 11:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	131072	05/17/14 18:02	LEE	TAL CAN

**Client Sample ID: FD-02-2014-S**

**Lab Sample ID: 240-37154-5**

Date Collected: 05/08/14 09:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		500	131333	05/20/14 12:08	LEE	TAL CAN

**Client Sample ID: EB-301-GW**

**Lab Sample ID: 240-37154-6**

Date Collected: 05/08/14 11:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131072	05/17/14 18:49	LEE	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: SW-17-2014-S**

**Lab Sample ID: 240-37154-7**

Date Collected: 05/08/14 13:10

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131072	05/17/14 19:11	LEE	TAL CAN

**Client Sample ID: SW-9-2014-S**

**Lab Sample ID: 240-37154-8**

Date Collected: 05/08/14 13:50

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131072	05/17/14 20:45	LEE	TAL CAN

**Client Sample ID: SW-19-2014-S**

**Lab Sample ID: 240-37154-9**

Date Collected: 05/08/14 15:15

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	131072	05/17/14 21:09	LEE	TAL CAN

**Client Sample ID: SW-12-2014-S**

**Lab Sample ID: 240-37154-10**

Date Collected: 05/08/14 15:40

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131196	05/19/14 14:27	RJQ	TAL CAN

**Client Sample ID: SW-22-2014-S**

**Lab Sample ID: 240-37154-11**

Date Collected: 05/08/14 16:05

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131072	05/17/14 21:32	LEE	TAL CAN

**Client Sample ID: FD-03-SW-2014-S**

**Lab Sample ID: 240-37154-12**

Date Collected: 05/08/14 12:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.67	131072	05/17/14 21:56	LEE	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

**Client Sample ID: TB-301-2014S**

**Lab Sample ID: 240-37154-13**

Date Collected: 05/08/14 00:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131335	05/20/14 13:31	LEE	TAL CAN

**Client Sample ID: EB-302-SW**

**Lab Sample ID: 240-37154-14**

Date Collected: 05/08/14 16:20

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131196	05/19/14 15:12	RJQ	TAL CAN

**Client Sample ID: SD-17-2014-S**

**Lab Sample ID: 240-37154-15**

Date Collected: 05/08/14 13:15

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130840	05/15/14 12:14	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130825	05/15/14 16:13	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

**Client Sample ID: SD-9-2014-S**

**Lab Sample ID: 240-37154-16**

Date Collected: 05/08/14 14:00

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130840	05/15/14 12:14	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130825	05/15/14 16:39	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

**Client Sample ID: SD-4-2014-S**

**Lab Sample ID: 240-37154-17**

Date Collected: 05/08/14 15:20

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130840	05/15/14 12:14	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130825	05/15/14 17:04	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

**Client Sample ID: SD-12-2014-S**

**Lab Sample ID: 240-37154-18**

Date Collected: 05/08/14 15:45

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 74.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130998	05/16/14 12:20	SAM	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

## Client Sample ID: SD-12-2014-S

Lab Sample ID: 240-37154-18

Date Collected: 05/08/14 15:45

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 74.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260A		1	130966	05/16/14 15:45	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: SD-7-2014-S

Lab Sample ID: 240-37154-19

Date Collected: 05/08/14 16:10

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130840	05/15/14 12:14	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130825	05/15/14 18:44	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: FD-04-SD-2014-S

Lab Sample ID: 240-37154-20

Date Collected: 05/08/14 12:15

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130840	05/15/14 12:14	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130825	05/15/14 19:10	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37154-21

Date Collected: 05/08/14 16:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131196	05/19/14 15:34	RJQ	TAL CAN

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

# Certification Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37154-1

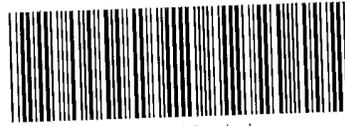
## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-15
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-15
Georgia	State Program	4	N/A	06-30-15
Illinois	NELAP	5	200004	07-31-14 *
Kansas	NELAP	7	E-10336	01-31-15
Kentucky (UST)	State Program	4	58	06-30-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-14 *
New Jersey	NELAP	2	OH001	06-30-15
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14 *
Texas	NELAP	6		08-31-14 *
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-14 *
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-14 *

\* Certification renewal pending - certification considered valid.

**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-37154 Chain of Custody



2-4

Regulatory Program:  DW  NPDES  RCRA  Other:

Client Contact		Project Manager: Jim Pessles		Site Contact: Gordon Paers		Date: 5/8/14		COC No: 1 of 2 COCs	
Company Name: TFM Associates		Tel/Fax: 614-288-7201		Lab Contact: Josh McKinney		Carrier: FEDEX			
Address: 4675 WRENTHAM ST SUITE 200		Analysis Turnaround Time		Performs MS/MSD (Y/N)		Filtered Sample (Y/N)			
City/State/Zip: Columbus, OH 43016		CALENDAR DAYS <input type="checkbox"/> WORKING DAYS <input type="checkbox"/>		TAT if different from Below		VOCs (82608) LMI 1			
Phone: 614-339-3380		2 weeks <input type="checkbox"/>		Sample Date		VOCs (82608) LIST 2			
Fax: 614-389-7882		1 week <input type="checkbox"/>		Sample Time					
Project Name: MARIAGE GARAGE		2 days <input type="checkbox"/>		Sample Type (C=Comp, G=Grab)					
Site: GREENDALE MS		1 day <input type="checkbox"/>		Matrix					
P.O.#: MBRG-00070				# of Cont.					
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	Performs MS/MSD (Y/N)	Carrier	Sample Specific Notes:
RT-5-2014-S	5/8/14	0930	G	H <sub>2</sub> O	9	N	N		
RT-4-2014-S		1000	G	H <sub>2</sub> O	3	Y	Y		
RT-2-2014-S		1030	G	H <sub>2</sub> O	3	Y	Y		
RT-1-2014-S		1100	G	H <sub>2</sub> O	3	Y	Y		
GFD-02-2014-S		0900	G	H <sub>2</sub> O	3	Y	Y		
VEB-301-GN		1130	G	H <sub>2</sub> O	3	Y	Y		
SN-17-2014-S		1310	G	H <sub>2</sub> O	3	Y	Y		
SN-9-2014-S		1350	G	H <sub>2</sub> O	3	Y	Y		
SN-19-2014-S		1515	G	H <sub>2</sub> O	3	Y	Y		
SN-12-2014-S		1540	G	H <sub>2</sub> O	9	Y	Y		
SN-22-2014-S		1605	G	H <sub>2</sub> O	3	Y	Y		
PD-03-SN-2014-S		1200	G	H <sub>2</sub> O	3	Y	Y		

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other

Possible Hazard Identification: Please List any EPA Waste Codes for the sample, in the Comments Section if the lab is to dispose of the sample.

Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown

Special Instructions/QC Requirements & Comments:  
All Times Correct

Custody Seal No.:  Yes  No

Relinquished by: *Josh McKinney* Date/Time: 5/8/14 1000  
Company: TFM Associates

Received by: *Jim Paers* Date/Time: 5/19/14 1000  
Company: Test America

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Company: \_\_\_\_\_

Received in Laboratory by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Company: \_\_\_\_\_

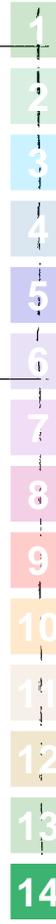
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months



Regulatory Program:  DW  NPDES  RCRA  Other:

Company Name: <b>JTM Associates</b>		Project Manager: <b>Jim Purpus</b>		Site Contact: <b>Gregory Pearson</b>		COC No: <b>2</b> of <b>2</b> COCs		
Address: <b>4075 LREARSDALE ST S250</b>		Tel/Fax: <b>614-288-7201</b>		Lab Contact: <b>Larry McIlwain</b>		Date: <b>5/8/14</b>		
City/State/Zip: <b>Columbus, OH 43216</b>		Analysis Turnaround Time		Carrier: <b>Feeby</b>				
Phone: <b>614-334-3390</b>		CALENDAR DAYS <input type="checkbox"/> WORKING DAYS <input type="checkbox"/>						
Fax: <b>614-389-7087</b>		TAT if different from Below						
Project Name: <b>MERRICK BEACH</b>		<input type="checkbox"/> 2 weeks						
Site: <b>GREYHAWK, MS</b>		<input type="checkbox"/> 1 week						
P O # <b>MERR-00070</b>		<input type="checkbox"/> 2 days						
		<input type="checkbox"/> 1 day						
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
TRIP BLANK	5/8/14	1620	G	H <sub>2</sub> O	2	N	N	
EB-302-SW	5/8/14	1620	G	H <sub>2</sub> O	3	N	N	VOCs (82608) L1-2
SD-17-2014-S	5/8/14	1315	G	SOIL	1	N	N	VOCs (82608) L1-1
SD-9-2014-S		1400	G	SOIL	1	N	N	
SD-4-2014-S		1520	G	SOIL	1	N	N	
SD-12-2014-S		1545	G	SOIL	3	N	N	
SD-7-2014-S		1610	G	SOIL	1	N	N	
FD-04-SD-2014-S		1215	G	SOIL	1	N	N	
EB-303-SD		1630	G	H <sub>2</sub> O	3	N	N	
Preservation Used: 1=Ice, 2=HCl, 3=H <sub>2</sub> SO <sub>4</sub> , 4=HNO <sub>3</sub> , 5=NaOH, 6=Other								
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.								
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown								
Special Instructions/QC Requirements & Comments:								
All Times Correct								
Custody Seal No.: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Cooler Temp. (°C): Obs'd: _____		Therm ID No.: _____		
Relinquished by: <b>Justin R Dait</b>				Received by: <b>John Ross</b>		Company: <b>Test America</b>		
Relinquished by:				Received by:		Date/Time: <b>5/8/14 1000</b>		
Relinquished by:				Received in Laboratory by:		Date/Time:		



Client T&M Associates Site Name \_\_\_\_\_

Cooler unpacked by:

Cooler Received on 5/9/14 Opened on 5/9/14

*[Signature]*

FedEx: 1<sup>st</sup> Grd  Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other \_\_\_\_\_

TestAmerica Cooler # No # Foam Box Client Cooler Box Other \_\_\_\_\_

Packing material used:  Bubble Wrap Foam Plastic Bag None Other \_\_\_\_\_

COOLANT:  Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A (CF +0 °C) Observed Cooler Temp. 2.4 °C Corrected Cooler Temp. 2.4 °C

IR GUN# 4 (CF -1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

IR GUN# 5 (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

IR GUN# 8 (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

See Multiple Cooler Form

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1  Yes No

-Were custody seals on the outside of the cooler(s) signed & dated?  Yes No NA

-Were custody seals on the bottle(s)?  Yes  No

3. Shippers' packing slip attached to the cooler(s)?  Yes No

4. Did custody papers accompany the sample(s)?  Yes No

5. Were the custody papers relinquished & signed in the appropriate place?  Yes No

6. Did all bottles arrive in good condition (Unbroken)?  Yes No

7. Could all bottle labels be reconciled with the COC?  Yes No

8. Were correct bottle(s) used for the test(s) indicated?  Yes No

9. Sufficient quantity received to perform indicated analyses?  Yes No

10. Were sample(s) at the correct pH upon receipt? Yes No  NA pH Strip Lot# HC391902

11. Were VOAs on the COC?  Yes No

12. Were air bubbles >6 mm in any VOA vials? Yes  No NA

13. Was a trip blank present in the cooler(s)?  Yes No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other

Concerning \_\_\_\_\_

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: *[Signature]*

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

15. SAMPLE CONDITION

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.

Sample(s) \_\_\_\_\_ were received in a broken container.

Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.

Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Canton  
4101 Shuffel Street NW  
North Canton, OH 44720  
Tel: (330)497-9396

TestAmerica Job ID: 240-37219-1  
Client Project/Site: MERT-00070  
Revision: 1

For:  
T&M Associates  
4675 Lakehurst Court  
Suite 250  
Columbus, Ohio 43016

Attn: Jim Peebles



Authorized for release by:  
6/9/2014 3:15:21 PM

Josh McKinney, Project Manager II  
(937)294-6856  
[josh.mckinney@testamericainc.com](mailto:josh.mckinney@testamericainc.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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# Definitions/Glossary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

## Qualifiers

### General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

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**Job ID: 240-37219-1**

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**Laboratory: TestAmerica Canton**

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**Narrative**

**Job Narrative**  
**240-37219-1**

**Comments**

No additional comments.

**Receipt**

The samples were received on 5/10/2014 10:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.6° C.

**GC/MS VOA**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**Metals**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**General Chemistry**

Method(s) 7196A: The following sample(s) were received with insufficient time remaining to perform the analysis within holding time: MW-11-2014-S (240-37219-1), MW-7-2014-S (240-37219-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**VOA Prep**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



# Method Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
6010B	Metals (ICP)	SW846	TAL CAN
7196A	Chromium, Hexavalent	SW846	TAL CAN

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

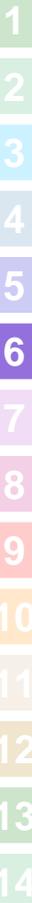
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# Sample Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-37219-1	MW-11-2014-S	Water	05/09/14 09:10	05/10/14 10:30
240-37219-2	MW-7-2014-S	Water	05/09/14 10:20	05/10/14 10:30
240-37219-3	MW-25-2014-S	Water	05/09/14 12:20	05/10/14 10:30
240-37219-4	MW-53-2014-S	Water	05/09/14 15:00	05/10/14 10:30
240-37219-5	EB-401-2014-S	Water	05/09/14 15:50	05/10/14 10:30
240-37219-6	MW-5-2014-S	Water	05/09/14 17:10	05/10/14 10:30
240-37219-7	TB-401-2014S	Water	05/09/14 00:00	05/10/14 10:30



# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

## Client Sample ID: MW-11-2014-S

Lab Sample ID: 240-37219-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.2		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	4.0		1.0		ug/L	1		8260B	Total/NA
Chromium	9.2		5.0		ug/L	1		6010B	Total Recoverable
Lead	6.2		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-7-2014-S

Lab Sample ID: 240-37219-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.4		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	30		1.0		ug/L	1		8260B	Total/NA
Chromium	5.3		5.0		ug/L	1		6010B	Total Recoverable
Lead	4.2		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-25-2014-S

Lab Sample ID: 240-37219-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13000		1300		ug/L	1250		8260B	Total/NA
Trichloroethene	73000		1300		ug/L	1250		8260B	Total/NA
Chromium	17		5.0		ug/L	1		6010B	Total Recoverable
Lead	14		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-53-2014-S

Lab Sample ID: 240-37219-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	83		10		ug/L	10		8260B	Total/NA
Trichloroethene	220		10		ug/L	10		8260B	Total/NA
Chromium	20		5.0		ug/L	1		6010B	Total Recoverable
Lead	4.8		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: EB-401-2014-S

Lab Sample ID: 240-37219-5

No Detections.

## Client Sample ID: MW-5-2014-S

Lab Sample ID: 240-37219-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4500		250		ug/L	250		8260B	Total/NA
Trichloroethene	14000		250		ug/L	250		8260B	Total/NA

## Client Sample ID: TB-401-2014S

Lab Sample ID: 240-37219-7

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

**Client Sample ID: MW-11-2014-S**

**Lab Sample ID: 240-37219-1**

**Date Collected: 05/09/14 09:10**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 13:36	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 13:36	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 13:36	1
Benzene	ND		1.0		ug/L			05/20/14 13:36	1
<b>cis-1,2-Dichloroethene</b>	<b>1.2</b>		1.0		ug/L			05/20/14 13:36	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 13:36	1
Toluene	ND		1.0		ug/L			05/20/14 13:36	1
<b>Trichloroethene</b>	<b>4.0</b>		1.0		ug/L			05/20/14 13:36	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		05/20/14 13:36	1
4-Bromofluorobenzene (Surr)	75		66 - 120		05/20/14 13:36	1
Toluene-d8 (Surr)	93		74 - 120		05/20/14 13:36	1
Dibromofluoromethane (Surr)	91		75 - 121		05/20/14 13:36	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:19	1
<b>Chromium</b>	<b>9.2</b>		5.0		ug/L		05/14/14 10:23	05/15/14 21:19	1
<b>Lead</b>	<b>6.2</b>		3.0		ug/L		05/14/14 10:23	05/15/14 21:19	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			05/10/14 12:18	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

**Client Sample ID: MW-7-2014-S**

**Lab Sample ID: 240-37219-2**

**Date Collected: 05/09/14 10:20**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 19:57	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 19:57	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 19:57	1
Benzene	ND		1.0		ug/L			05/20/14 19:57	1
<b>cis-1,2-Dichloroethene</b>	<b>3.4</b>		1.0		ug/L			05/20/14 19:57	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 19:57	1
Toluene	ND		1.0		ug/L			05/20/14 19:57	1
<b>Trichloroethene</b>	<b>30</b>		1.0		ug/L			05/20/14 19:57	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		63 - 129		05/20/14 19:57	1
4-Bromofluorobenzene (Surr)	73		66 - 120		05/20/14 19:57	1
Toluene-d8 (Surr)	93		74 - 120		05/20/14 19:57	1
Dibromofluoromethane (Surr)	91		75 - 121		05/20/14 19:57	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:22	1
<b>Chromium</b>	<b>5.3</b>		5.0		ug/L		05/14/14 10:23	05/15/14 21:22	1
<b>Lead</b>	<b>4.2</b>		3.0		ug/L		05/14/14 10:23	05/15/14 21:22	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			05/10/14 12:30	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

**Client Sample ID: MW-25-2014-S**

**Lab Sample ID: 240-37219-3**

**Date Collected: 05/09/14 12:20**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1300		ug/L			05/20/14 22:35	1250
1,1-Dichloroethene	ND		1300		ug/L			05/20/14 22:35	1250
1,2-Dichloroethane	ND		1300		ug/L			05/20/14 22:35	1250
Benzene	ND		1300		ug/L			05/20/14 22:35	1250
<b>cis-1,2-Dichloroethene</b>	<b>13000</b>		1300		ug/L			05/20/14 22:35	1250
Tetrachloroethene	ND		1300		ug/L			05/20/14 22:35	1250
Toluene	ND		1300		ug/L			05/20/14 22:35	1250
<b>Trichloroethene</b>	<b>73000</b>		1300		ug/L			05/20/14 22:35	1250
Vinyl chloride	ND		1300		ug/L			05/20/14 22:35	1250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		05/20/14 22:35	1250
4-Bromofluorobenzene (Surr)	74		66 - 120		05/20/14 22:35	1250
Toluene-d8 (Surr)	92		74 - 120		05/20/14 22:35	1250
Dibromofluoromethane (Surr)	89		75 - 121		05/20/14 22:35	1250

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:26	1
<b>Chromium</b>	<b>17</b>		5.0		ug/L		05/14/14 10:23	05/15/14 21:26	1
<b>Lead</b>	<b>14</b>		3.0		ug/L		05/14/14 10:23	05/15/14 21:26	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/10/14 12:10	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

**Client Sample ID: MW-53-2014-S**

**Lab Sample ID: 240-37219-4**

**Date Collected: 05/09/14 15:00**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		10		ug/L			05/20/14 14:21	10
1,1-Dichloroethene	ND		10		ug/L			05/20/14 14:21	10
1,2-Dichloroethane	ND		10		ug/L			05/20/14 14:21	10
Benzene	ND		10		ug/L			05/20/14 14:21	10
<b>cis-1,2-Dichloroethene</b>	<b>83</b>		10		ug/L			05/20/14 14:21	10
Tetrachloroethene	ND		10		ug/L			05/20/14 14:21	10
Toluene	ND		10		ug/L			05/20/14 14:21	10
<b>Trichloroethene</b>	<b>220</b>		10		ug/L			05/20/14 14:21	10
Vinyl chloride	ND		10		ug/L			05/20/14 14:21	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		05/20/14 14:21	10
4-Bromofluorobenzene (Surr)	76		66 - 120		05/20/14 14:21	10
Toluene-d8 (Surr)	90		74 - 120		05/20/14 14:21	10
Dibromofluoromethane (Surr)	94		75 - 121		05/20/14 14:21	10

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:30	1
<b>Chromium</b>	<b>20</b>		5.0		ug/L		05/14/14 10:23	05/15/14 21:30	1
<b>Lead</b>	<b>4.8</b>		3.0		ug/L		05/14/14 10:23	05/15/14 21:30	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/10/14 12:15	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

**Client Sample ID: EB-401-2014-S**

**Lab Sample ID: 240-37219-5**

**Date Collected: 05/09/14 15:50**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 20:20	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 20:20	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 20:20	1
Benzene	ND		1.0		ug/L			05/20/14 20:20	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 20:20	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 20:20	1
Toluene	ND		1.0		ug/L			05/20/14 20:20	1
Trichloroethene	ND		1.0		ug/L			05/20/14 20:20	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		05/20/14 20:20	1
4-Bromofluorobenzene (Surr)	73		66 - 120		05/20/14 20:20	1
Toluene-d8 (Surr)	94		74 - 120		05/20/14 20:20	1
Dibromofluoromethane (Surr)	89		75 - 121		05/20/14 20:20	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:34	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 21:34	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 21:34	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/10/14 12:17	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

**Client Sample ID: MW-5-2014-S**

**Lab Sample ID: 240-37219-6**

**Date Collected: 05/09/14 17:10**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		250		ug/L			05/20/14 14:43	250
1,1-Dichloroethene	ND		250		ug/L			05/20/14 14:43	250
1,2-Dichloroethane	ND		250		ug/L			05/20/14 14:43	250
Benzene	ND		250		ug/L			05/20/14 14:43	250
<b>cis-1,2-Dichloroethene</b>	<b>4500</b>		250		ug/L			05/20/14 14:43	250
Tetrachloroethene	ND		250		ug/L			05/20/14 14:43	250
Toluene	ND		250		ug/L			05/20/14 14:43	250
<b>Trichloroethene</b>	<b>14000</b>		250		ug/L			05/20/14 14:43	250
Vinyl chloride	ND		250		ug/L			05/20/14 14:43	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		05/20/14 14:43	250
4-Bromofluorobenzene (Surr)	74		66 - 120		05/20/14 14:43	250
Toluene-d8 (Surr)	95		74 - 120		05/20/14 14:43	250
Dibromofluoromethane (Surr)	90		75 - 121		05/20/14 14:43	250

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 20:59	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 20:59	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 20:59	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/10/14 12:01	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

**Client Sample ID: TB-401-2014S**

**Lab Sample ID: 240-37219-7**

**Date Collected: 05/09/14 00:00**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 20:42	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 20:42	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 20:42	1
Benzene	ND		1.0		ug/L			05/20/14 20:42	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 20:42	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 20:42	1
Toluene	ND		1.0		ug/L			05/20/14 20:42	1
Trichloroethene	ND		1.0		ug/L			05/20/14 20:42	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 20:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129		05/20/14 20:42	1
4-Bromofluorobenzene (Surr)	74		66 - 120		05/20/14 20:42	1
Toluene-d8 (Surr)	92		74 - 120		05/20/14 20:42	1
Dibromofluoromethane (Surr)	89		75 - 121		05/20/14 20:42	1

# Surrogate Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-120)	TOL (74-120)	DBFM (75-121)
240-37219-1	MW-11-2014-S	90	75	93	91
240-37219-1 MS	MW-11-2014-S	92	78	94	96
240-37219-1 MSD	MW-11-2014-S	91	77	92	95
240-37219-2	MW-7-2014-S	92	73	93	91
240-37219-3	MW-25-2014-S	90	74	92	89
240-37219-4	MW-53-2014-S	91	76	90	94
240-37219-5	EB-401-2014-S	90	73	94	89
240-37219-6	MW-5-2014-S	87	74	95	90
240-37219-7	TB-401-2014S	89	74	92	89
LCS 240-131365/3	Lab Control Sample	102	87	101	105
MB 240-131365/5	Method Blank	87	83	93	89

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-131365/5**

**Matrix: Water**

**Analysis Batch: 131365**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 13:13	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 13:13	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 13:13	1
Benzene	ND		1.0		ug/L			05/20/14 13:13	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 13:13	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 13:13	1
Toluene	ND		1.0		ug/L			05/20/14 13:13	1
Trichloroethene	ND		1.0		ug/L			05/20/14 13:13	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 13:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		05/20/14 13:13	1
4-Bromofluorobenzene (Surr)	83		66 - 120		05/20/14 13:13	1
Toluene-d8 (Surr)	93		74 - 120		05/20/14 13:13	1
Dibromofluoromethane (Surr)	89		75 - 121		05/20/14 13:13	1

**Lab Sample ID: LCS 240-131365/3**

**Matrix: Water**

**Analysis Batch: 131365**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	25.0	23.5		ug/L		94	80 - 120
1,1-Dichloroethene	25.0	28.4		ug/L		114	78 - 131
1,2-Dichloroethane	25.0	27.7		ug/L		111	71 - 127
Benzene	25.0	26.6		ug/L		106	80 - 120
cis-1,2-Dichloroethene	25.0	27.0		ug/L		108	80 - 120
Tetrachloroethene	25.0	27.5		ug/L		110	79 - 120
Toluene	25.0	24.5		ug/L		98	80 - 120
Trichloroethene	25.0	29.8		ug/L		119	76 - 120
Vinyl chloride	25.0	22.0		ug/L		88	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		63 - 129
4-Bromofluorobenzene (Surr)	87		66 - 120
Toluene-d8 (Surr)	101		74 - 120
Dibromofluoromethane (Surr)	105		75 - 121

**Lab Sample ID: 240-37219-1 MS**

**Matrix: Water**

**Analysis Batch: 131365**

**Client Sample ID: MW-11-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		25.0	23.3		ug/L		93	75 - 120
1,1-Dichloroethene	ND		25.0	25.1		ug/L		100	74 - 135
1,2-Dichloroethane	ND		25.0	27.2		ug/L		109	68 - 129
Benzene	ND		25.0	25.1		ug/L		100	72 - 121
cis-1,2-Dichloroethene	1.2		25.0	26.4		ug/L		101	70 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-37219-1 MS

Matrix: Water

Analysis Batch: 131365

Client Sample ID: MW-11-2014-S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	ND		25.0	25.3		ug/L		101	70 - 120
Toluene	ND		25.0	23.4		ug/L		93	78 - 120
Trichloroethene	4.0		25.0	32.2		ug/L		113	66 - 120
Vinyl chloride	ND		25.0	18.1		ug/L		73	49 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	92		63 - 129
4-Bromofluorobenzene (Surr)	78		66 - 120
Toluene-d8 (Surr)	94		74 - 120
Dibromofluoromethane (Surr)	96		75 - 121

Lab Sample ID: 240-37219-1 MSD

Matrix: Water

Analysis Batch: 131365

Client Sample ID: MW-11-2014-S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane	ND		25.0	22.3		ug/L		89	75 - 120	4	30
1,1-Dichloroethene	ND		25.0	22.9		ug/L		92	74 - 135	9	30
1,2-Dichloroethane	ND		25.0	26.2		ug/L		105	68 - 129	4	30
Benzene	ND		25.0	23.9		ug/L		96	72 - 121	5	30
cis-1,2-Dichloroethene	1.2		25.0	25.5		ug/L		97	70 - 120	3	30
Tetrachloroethene	ND		25.0	22.9		ug/L		92	70 - 120	10	30
Toluene	ND		25.0	21.9		ug/L		88	78 - 120	6	30
Trichloroethene	4.0		25.0	29.5		ug/L		102	66 - 120	9	30
Vinyl chloride	ND		25.0	19.0		ug/L		76	49 - 130	5	30

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
4-Bromofluorobenzene (Surr)	77		66 - 120
Toluene-d8 (Surr)	92		74 - 120
Dibromofluoromethane (Surr)	95		75 - 121

## Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-130620/1-A

Matrix: Water

Analysis Batch: 130788

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 130620

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 12:55	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 12:55	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 12:55	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-130620/2-A  
Matrix: Water  
Analysis Batch: 130788

Client Sample ID: Lab Control Sample  
Prep Type: Total Recoverable  
Prep Batch: 130620

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2000	1940		ug/L		97	80 - 120
Chromium	200	191		ug/L		96	80 - 120
Lead	500	464		ug/L		93	80 - 120

Lab Sample ID: 240-37219-6 MS  
Matrix: Water  
Analysis Batch: 130788

Client Sample ID: MW-5-2014-S  
Prep Type: Total Recoverable  
Prep Batch: 130620

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		2000	1960		ug/L		98	75 - 125
Chromium	ND		200	190		ug/L		95	75 - 125
Lead	ND		500	457		ug/L		91	75 - 125

Lab Sample ID: 240-37219-6 MSD  
Matrix: Water  
Analysis Batch: 130788

Client Sample ID: MW-5-2014-S  
Prep Type: Total Recoverable  
Prep Batch: 130620

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	ND		2000	1940		ug/L		97	75 - 125	1	20
Chromium	ND		200	189		ug/L		95	75 - 125	1	20
Lead	ND		500	452		ug/L		90	75 - 125	1	20

## Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-130135/3  
Matrix: Water  
Analysis Batch: 130135

Client Sample ID: Method Blank  
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/10/14 11:55	1

Lab Sample ID: LCS 240-130135/4  
Matrix: Water  
Analysis Batch: 130135

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.263		mg/L		105	80 - 118

Lab Sample ID: 240-37219-6 MS  
Matrix: Water  
Analysis Batch: 130135

Client Sample ID: MW-5-2014-S  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	ND		0.250	0.222		mg/L		89	41 - 136

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# QC Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

## Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 240-37219-6 MSD  
 Matrix: Water  
 Analysis Batch: 130135

Client Sample ID: MW-5-2014-S  
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	ND		0.250	0.238		mg/L		95	41 - 136	7	20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

## GC/MS VOA

### Analysis Batch: 131365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37219-1	MW-11-2014-S	Total/NA	Water	8260B	
240-37219-1 MS	MW-11-2014-S	Total/NA	Water	8260B	
240-37219-1 MSD	MW-11-2014-S	Total/NA	Water	8260B	
240-37219-2	MW-7-2014-S	Total/NA	Water	8260B	
240-37219-3	MW-25-2014-S	Total/NA	Water	8260B	
240-37219-4	MW-53-2014-S	Total/NA	Water	8260B	
240-37219-5	EB-401-2014-S	Total/NA	Water	8260B	
240-37219-6	MW-5-2014-S	Total/NA	Water	8260B	
240-37219-7	TB-401-2014-S	Total/NA	Water	8260B	
LCS 240-131365/3	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131365/5	Method Blank	Total/NA	Water	8260B	

## Metals

### Prep Batch: 130620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37219-1	MW-11-2014-S	Total Recoverable	Water	3005A	
240-37219-2	MW-7-2014-S	Total Recoverable	Water	3005A	
240-37219-3	MW-25-2014-S	Total Recoverable	Water	3005A	
240-37219-4	MW-53-2014-S	Total Recoverable	Water	3005A	
240-37219-5	EB-401-2014-S	Total Recoverable	Water	3005A	
240-37219-6	MW-5-2014-S	Total Recoverable	Water	3005A	
240-37219-6 MS	MW-5-2014-S	Total Recoverable	Water	3005A	
240-37219-6 MSD	MW-5-2014-S	Total Recoverable	Water	3005A	
LCS 240-130620/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-130620/1-A	Method Blank	Total Recoverable	Water	3005A	

### Analysis Batch: 130788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37219-1	MW-11-2014-S	Total Recoverable	Water	6010B	130620
240-37219-2	MW-7-2014-S	Total Recoverable	Water	6010B	130620
240-37219-3	MW-25-2014-S	Total Recoverable	Water	6010B	130620
240-37219-4	MW-53-2014-S	Total Recoverable	Water	6010B	130620
240-37219-5	EB-401-2014-S	Total Recoverable	Water	6010B	130620
240-37219-6	MW-5-2014-S	Total Recoverable	Water	6010B	130620
240-37219-6 MS	MW-5-2014-S	Total Recoverable	Water	6010B	130620
240-37219-6 MSD	MW-5-2014-S	Total Recoverable	Water	6010B	130620
LCS 240-130620/2-A	Lab Control Sample	Total Recoverable	Water	6010B	130620
MB 240-130620/1-A	Method Blank	Total Recoverable	Water	6010B	130620

## General Chemistry

### Analysis Batch: 130135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37219-1	MW-11-2014-S	Total/NA	Water	7196A	
240-37219-2	MW-7-2014-S	Total/NA	Water	7196A	
240-37219-3	MW-25-2014-S	Total/NA	Water	7196A	
240-37219-4	MW-53-2014-S	Total/NA	Water	7196A	
240-37219-5	EB-401-2014-S	Total/NA	Water	7196A	
240-37219-6	MW-5-2014-S	Total/NA	Water	7196A	

TestAmerica Canton

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

## General Chemistry (Continued)

### Analysis Batch: 130135 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37219-6 MS	MW-5-2014-S	Total/NA	Water	7196A	
240-37219-6 MSD	MW-5-2014-S	Total/NA	Water	7196A	
LCS 240-130135/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-130135/3	Method Blank	Total/NA	Water	7196A	

- 1
- 2
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- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

## Client Sample ID: MW-11-2014-S

Lab Sample ID: 240-37219-1

Date Collected: 05/09/14 09:10

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131365	05/20/14 13:36	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:19	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:18	WAL	TAL CAN

## Client Sample ID: MW-7-2014-S

Lab Sample ID: 240-37219-2

Date Collected: 05/09/14 10:20

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131365	05/20/14 19:57	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:22	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:30	WAL	TAL CAN

## Client Sample ID: MW-25-2014-S

Lab Sample ID: 240-37219-3

Date Collected: 05/09/14 12:20

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1250	131365	05/20/14 22:35	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:26	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:10	WAL	TAL CAN

## Client Sample ID: MW-53-2014-S

Lab Sample ID: 240-37219-4

Date Collected: 05/09/14 15:00

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	131365	05/20/14 14:21	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:30	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:15	WAL	TAL CAN

## Client Sample ID: EB-401-2014-S

Lab Sample ID: 240-37219-5

Date Collected: 05/09/14 15:50

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131365	05/20/14 20:20	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

## Client Sample ID: EB-401-2014-S

Lab Sample ID: 240-37219-5

Date Collected: 05/09/14 15:50

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:34	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:17	WAL	TAL CAN

## Client Sample ID: MW-5-2014-S

Lab Sample ID: 240-37219-6

Date Collected: 05/09/14 17:10

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		250	131365	05/20/14 14:43	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:59	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:01	WAL	TAL CAN

## Client Sample ID: TB-401-2014S

Lab Sample ID: 240-37219-7

Date Collected: 05/09/14 00:00

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131365	05/20/14 20:42	RJQ	TAL CAN

### Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

# Certification Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37219-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-14 *
Georgia	State Program	4	N/A	06-30-14 *
Illinois	NELAP	5	200004	07-31-14 *
Kansas	NELAP	7	E-10336	01-31-15
Kentucky (UST)	State Program	4	58	06-30-14 *
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-14 *
New Jersey	NELAP	2	OH001	06-30-14 *
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14 *
Texas	NELAP	6		08-31-14
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-14 *

\* Certification renewal pending - certification considered valid.



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**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



North Canton, OH 44720  
Phone: 330.497.9396 Fax: 330.497.0772

Regulatory Program:  DW  NPDES  RCRA  Other:

Company Name: <b>TAM Associates</b>		Project Manager: <b>Jim Peoples</b>	Site Contact: <b>Gordon Parish</b>	Date: <b>5/9/14</b>	COC No: _____						
Address: <b>4675 Lakehurst Ct. Suite 250</b>		Tel/Fax: <b>614-288-7201</b>	Lab Contact: <b>Jash McKinney</b>	Carrier: <b>FedEx</b>	Sampler: _____ of _____ COCs						
City/State/Zip: <b>Columbus, Ohio 43016</b>		Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from below _____ <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day	For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____								
Phone: <b>614-339-3380</b>			Job / SDG No.: _____								
Fax: <b>614-389-7082</b>		Sample Identification	Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Cr (VI) (719A) Pb, As, Cr (6010B) VOCs (8260B) List 1	Sample Specific Notes:
Project Name: <b>MERTOR GRENADA</b>											
Site: <b>GRENADA, MS</b>		MW-11-2014-S	5/9/14	0910	G	H <sub>2</sub> O	5	N	N	1 1 3	
P O # <b>MERT-00070</b>		MW-7-2014-S		1020						1 1 3	
		MW-25-2014-S		1220						1 1 3	
		MW-53-2014-S		1500						1 1 3	
		EB-401-2014-S		1550						1 1 3	
		MW-5-2014-S		1710						1 1 3	
		Trip Blank					2			2	

Preservation Used: 1=Ice, 2=HCl, 3=H<sub>2</sub>SO<sub>4</sub>, 4=HNO<sub>3</sub>, 5=NaOH, 6=Other  
Possible Hazard Identification: \_\_\_\_\_  
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.  
 Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown  
Special Instructions/QC Requirements & Comments:  
**All times Central time zone.**  
Custody Seals Intact:  Yes  No  
Relinquished by: **Jim Peoples** Date/Time: **5/9/14 1746**  
Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received by: **Jash McKinney** Date/Time: **5/10/14 10:30 AM**  
Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
 Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months

**TestAmerica Canton Sample Receipt Form/Narrative** Login # : \_\_\_\_\_

**Canton Facility**

Client TAM Associates Site Name \_\_\_\_\_ Cooler unpacked by: [Signature]

Cooler Received on 5/10/14 Opened on 5/10/14

FedEx: 1<sup>st</sup> Grd  Exp  UPS  FAS  Stetson  Client Drop Off  TestAmerica Courier  Other \_\_\_\_\_

TestAmerica Cooler # L011 Foam Box  Client Cooler  Box  Other \_\_\_\_\_

Packing material used:  Bubble Wrap  Foam  Plastic Bag  None  Other \_\_\_\_\_

COOLANT:  Wet Ice  Blue Ice  Dry Ice  Water  None

- Cooler temperature upon receipt
 

IR GUN# A (CF +0 °C)	Observed Cooler Temp. <u>1.6</u> °C	Corrected Cooler Temp. <u>1.6</u> °C	<input type="checkbox"/> See Multiple Cooler Form
IR GUN# 4 (CF -1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 5 (CF +1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8 (CF +1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
- Were custody seals on the outside of the cooler(s)? If Yes Quantity 1  Yes  No  
 -Were custody seals on the outside of the cooler(s) signed & dated?  Yes  No  NA  
 -Were custody seals on the bottle(s)?  Yes  No
- Shippers' packing slip attached to the cooler(s)?  Yes  No
- Did custody papers accompany the sample(s)?  Yes  No
- Were the custody papers relinquished & signed in the appropriate place?  Yes  No
- Did all bottles arrive in good condition (Unbroken)?  Yes  No
- Could all bottle labels be reconciled with the COC?  Yes  No
- Were correct bottle(s) used for the test(s) indicated?  Yes  No
- Sufficient quantity received to perform indicated analyses?  Yes  No
- Were sample(s) at the correct pH upon receipt?  Yes  No  NA pH Strip Lot# HC302587
- Were VOAs on the COC?  Yes  No
- Were air bubbles >6 mm in any VOA vials?  Yes  No  NA
- Was a trip blank present in the cooler(s)?  Yes  No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other \_\_\_\_\_  
 Concerning \_\_\_\_\_

**14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES** Samples processed by: [Signature]

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**15. SAMPLE CONDITION**

Sample(s) MW-1 MW-7 C-76 were received after the recommended holding time had expired.

Sample(s) \_\_\_\_\_ were received in a broken container.

Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

**16. SAMPLE PRESERVATION**

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.

Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> <u>pH</u>	<u>Preservative</u> <u>Added (mls)</u>	<u>Lot #</u>
MW-11-2014-S	240-37219-E-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-7-2014-S	240-37219-E-2	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-25-2014-S	240-37219-E-3	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-53-2014-S	240-37219-E-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
EB-401-2014-S	240-37219-E-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-5-2014-S	240-37219-E-6	Plastic 500ml - with Nitric Acid	<2	_____	_____

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Canton  
4101 Shuffel Street NW  
North Canton, OH 44720  
Tel: (330)497-9396

TestAmerica Job ID: 240-37266-1  
Client Project/Site: MERT-00070  
Revision: 1

For:  
T&M Associates  
4675 Lakehurst Court  
Suite 250  
Columbus, Ohio 43016

Attn: Jim Peeples



Authorized for release by:  
6/9/2014 3:18:09 PM

Josh McKinney, Project Manager II  
(937)294-6856  
[josh.mckinney@testamericainc.com](mailto:josh.mckinney@testamericainc.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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## Definitions/Glossary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Method Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CAN
6010B	Metals (ICP)	SW846	TAL CAN
7196A	Chromium, Hexavalent	SW846	TAL CAN

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396



# Sample Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-37266-1	MW-8-2014-S	Water	05/12/14 09:40	05/13/14 09:20
240-37266-2	MW-23-2014-S	Water	05/12/14 10:20	05/13/14 09:20
240-37266-3	MW-13-2014-S	Water	05/12/14 10:55	05/13/14 09:20
240-37266-4	MW-16-2014-S	Water	05/12/14 11:30	05/13/14 09:20
240-37266-5	EB-501-2014-S	Water	05/12/14 12:00	05/13/14 09:20
240-37266-6	MW-54-2014-S	Water	05/12/14 12:40	05/13/14 09:20
240-37266-7	MW-10-2014-S	Water	05/12/14 14:00	05/13/14 09:20
240-37266-8	MW-9-2014-S	Water	05/12/14 16:10	05/13/14 09:20
240-37266-9	TB-501-2014S	Water	05/12/14 00:00	05/13/14 09:20



# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

## Client Sample ID: MW-8-2014-S

Lab Sample ID: 240-37266-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.9		2.5		ug/L	2.5		8260B	Total/NA
Trichloroethene	70		2.5		ug/L	2.5		8260B	Total/NA

## Client Sample ID: MW-23-2014-S

Lab Sample ID: 240-37266-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	280		17		ug/L	16.67		8260B	Total/NA
Trichloroethene	410		17		ug/L	16.67		8260B	Total/NA
1,2,4-Trichlorobenzene	6.0		1.0		ug/L	1		8270C	Total/NA
Chromium	32		5.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-13-2014-S

Lab Sample ID: 240-37266-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	51		2.5		ug/L	2.5		8260B	Total/NA
Trichloroethene	35		2.5		ug/L	2.5		8260B	Total/NA

## Client Sample ID: MW-16-2014-S

Lab Sample ID: 240-37266-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	590		25		ug/L	25		8260B	Total/NA
Trichloroethene	600		25		ug/L	25		8260B	Total/NA
Vinyl chloride	41		25		ug/L	25		8260B	Total/NA

## Client Sample ID: EB-501-2014-S

Lab Sample ID: 240-37266-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	9.8		5.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-54-2014-S

Lab Sample ID: 240-37266-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	410		50		ug/L	50		8260B	Total/NA
Trichloroethene	1200		50		ug/L	50		8260B	Total/NA
Vinyl chloride	68		50		ug/L	50		8260B	Total/NA

## Client Sample ID: MW-10-2014-S

Lab Sample ID: 240-37266-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	41		2.0		ug/L	2		8260B	Total/NA
Trichloroethene	51		2.0		ug/L	2		8260B	Total/NA

## Client Sample ID: MW-9-2014-S

Lab Sample ID: 240-37266-8

No Detections.

## Client Sample ID: TB-501-2014S

Lab Sample ID: 240-37266-9

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

**Client Sample ID: MW-8-2014-S**

**Lab Sample ID: 240-37266-1**

**Date Collected: 05/12/14 09:40**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		2.5		ug/L			05/17/14 21:16	2.5
1,1-Dichloroethene	ND		2.5		ug/L			05/17/14 21:16	2.5
1,2-Dichloroethane	ND		2.5		ug/L			05/17/14 21:16	2.5
Benzene	ND		2.5		ug/L			05/17/14 21:16	2.5
<b>cis-1,2-Dichloroethene</b>	<b>3.9</b>		2.5		ug/L			05/17/14 21:16	2.5
Tetrachloroethene	ND		2.5		ug/L			05/17/14 21:16	2.5
Toluene	ND		2.5		ug/L			05/17/14 21:16	2.5
<b>Trichloroethene</b>	<b>70</b>		2.5		ug/L			05/17/14 21:16	2.5
Vinyl chloride	ND		2.5		ug/L			05/17/14 21:16	2.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		63 - 129		05/17/14 21:16	2.5
4-Bromofluorobenzene (Surr)	83		66 - 120		05/17/14 21:16	2.5
Toluene-d8 (Surr)	86		74 - 120		05/17/14 21:16	2.5
Dibromofluoromethane (Surr)	98		75 - 121		05/17/14 21:16	2.5

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:46	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 21:46	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 21:46	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:00	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

**Client Sample ID: MW-23-2014-S**

**Lab Sample ID: 240-37266-2**

**Date Collected: 05/12/14 10:20**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		17		ug/L			05/17/14 21:39	16.67
1,1,2-Trichloroethane	ND		17		ug/L			05/17/14 21:39	16.67
1,1-Dichloroethane	ND		17		ug/L			05/17/14 21:39	16.67
1,1-Dichloroethene	ND		17		ug/L			05/17/14 21:39	16.67
1,2-Dichloroethane	ND		17		ug/L			05/17/14 21:39	16.67
1,2-Dichloropropane	ND		17		ug/L			05/17/14 21:39	16.67
Acetone	ND		170		ug/L			05/17/14 21:39	16.67
Benzene	ND		17		ug/L			05/17/14 21:39	16.67
Carbon disulfide	ND		17		ug/L			05/17/14 21:39	16.67
Chloroethane	ND		17		ug/L			05/17/14 21:39	16.67
<b>cis-1,2-Dichloroethene</b>	<b>280</b>		17		ug/L			05/17/14 21:39	16.67
Ethylbenzene	ND		17		ug/L			05/17/14 21:39	16.67
Methylene Chloride	ND		17		ug/L			05/17/14 21:39	16.67
Tetrachloroethene	ND		17		ug/L			05/17/14 21:39	16.67
Toluene	ND		17		ug/L			05/17/14 21:39	16.67
trans-1,2-Dichloroethene	ND		17		ug/L			05/17/14 21:39	16.67
<b>Trichloroethene</b>	<b>410</b>		17		ug/L			05/17/14 21:39	16.67
Vinyl chloride	ND		17		ug/L			05/17/14 21:39	16.67
Xylenes, Total	ND		33		ug/L			05/17/14 21:39	16.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		05/17/14 21:39	16.67
4-Bromofluorobenzene (Surr)	85		66 - 120		05/17/14 21:39	16.67
Toluene-d8 (Surr)	90		74 - 120		05/17/14 21:39	16.67
Dibromofluoromethane (Surr)	99		75 - 121		05/17/14 21:39	16.67

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		2.1		ug/L		05/14/14 08:59	05/21/14 17:39	1
2-Methylnaphthalene	ND		0.21		ug/L		05/14/14 08:59	05/21/14 17:39	1
Naphthalene	ND		0.21		ug/L		05/14/14 08:59	05/21/14 17:39	1
Pentachlorophenol	ND		42		ug/L		05/14/14 08:59	05/21/14 17:39	1
1,2,4,5-Tetrachlorobenzene	ND		1.0		ug/L		05/14/14 08:59	05/21/14 17:39	1
<b>1,2,4-Trichlorobenzene</b>	<b>6.0</b>		1.0		ug/L		05/14/14 08:59	05/21/14 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	64		29 - 110	05/14/14 08:59	05/21/14 17:39	1
2-Fluorophenol (Surr)	61		15 - 110	05/14/14 08:59	05/21/14 17:39	1
2,4,6-Tribromophenol (Surr)	65		21 - 128	05/14/14 08:59	05/21/14 17:39	1
Nitrobenzene-d5 (Surr)	71		31 - 110	05/14/14 08:59	05/21/14 17:39	1
Phenol-d5 (Surr)	47		10 - 110	05/14/14 08:59	05/21/14 17:39	1
Terphenyl-d14 (Surr)	84		31 - 115	05/14/14 08:59	05/21/14 17:39	1

## Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:50	1
<b>Chromium</b>	<b>32</b>		5.0		ug/L		05/14/14 10:23	05/15/14 21:50	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 21:50	1
Selenium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 21:50	1

TestAmerica Canton

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

**Client Sample ID: MW-23-2014-S**

**Lab Sample ID: 240-37266-2**

**Date Collected: 05/12/14 10:20**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:03	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

**Client Sample ID: MW-13-2014-S**

**Lab Sample ID: 240-37266-3**

**Date Collected: 05/12/14 10:55**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		2.5		ug/L			05/17/14 22:02	2.5
1,1-Dichloroethene	ND		2.5		ug/L			05/17/14 22:02	2.5
1,2-Dichloroethane	ND		2.5		ug/L			05/17/14 22:02	2.5
Benzene	ND		2.5		ug/L			05/17/14 22:02	2.5
<b>cis-1,2-Dichloroethene</b>	<b>51</b>		2.5		ug/L			05/17/14 22:02	2.5
Tetrachloroethene	ND		2.5		ug/L			05/17/14 22:02	2.5
Toluene	ND		2.5		ug/L			05/17/14 22:02	2.5
<b>Trichloroethene</b>	<b>35</b>		2.5		ug/L			05/17/14 22:02	2.5
Vinyl chloride	ND		2.5		ug/L			05/17/14 22:02	2.5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	105		63 - 129					05/17/14 22:02	2.5
4-Bromofluorobenzene (Surr)	86		66 - 120					05/17/14 22:02	2.5
Toluene-d8 (Surr)	89		74 - 120					05/17/14 22:02	2.5
Dibromofluoromethane (Surr)	100		75 - 121					05/17/14 22:02	2.5

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:54	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 21:54	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 21:54	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:04	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

**Client Sample ID: MW-16-2014-S**

**Lab Sample ID: 240-37266-4**

**Date Collected: 05/12/14 11:30**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		25		ug/L			05/17/14 22:24	25
1,1-Dichloroethene	ND		25		ug/L			05/17/14 22:24	25
1,2-Dichloroethane	ND		25		ug/L			05/17/14 22:24	25
Benzene	ND		25		ug/L			05/17/14 22:24	25
<b>cis-1,2-Dichloroethene</b>	<b>590</b>		25		ug/L			05/17/14 22:24	25
Tetrachloroethene	ND		25		ug/L			05/17/14 22:24	25
Toluene	ND		25		ug/L			05/17/14 22:24	25
<b>Trichloroethene</b>	<b>600</b>		25		ug/L			05/17/14 22:24	25
<b>Vinyl chloride</b>	<b>41</b>		25		ug/L			05/17/14 22:24	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		05/17/14 22:24	25
4-Bromofluorobenzene (Surr)	83		66 - 120		05/17/14 22:24	25
Toluene-d8 (Surr)	89		74 - 120		05/17/14 22:24	25
Dibromofluoromethane (Surr)	101		75 - 121		05/17/14 22:24	25

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:58	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 21:58	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 21:58	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:05	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

**Client Sample ID: EB-501-2014-S**

**Lab Sample ID: 240-37266-5**

**Date Collected: 05/12/14 12:00**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 22:47	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 22:47	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 22:47	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 22:47	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 22:47	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 22:47	1
Acetone	ND		10		ug/L			05/17/14 22:47	1
Benzene	ND		1.0		ug/L			05/17/14 22:47	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 22:47	1
Chloroethane	ND		1.0		ug/L			05/17/14 22:47	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 22:47	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 22:47	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 22:47	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 22:47	1
Toluene	ND		1.0		ug/L			05/17/14 22:47	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 22:47	1
Trichloroethene	ND		1.0		ug/L			05/17/14 22:47	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 22:47	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 22:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 129		05/17/14 22:47	1
4-Bromofluorobenzene (Surr)	85		66 - 120		05/17/14 22:47	1
Toluene-d8 (Surr)	88		74 - 120		05/17/14 22:47	1
Dibromofluoromethane (Surr)	102		75 - 121		05/17/14 22:47	1

### Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		2.0		ug/L		05/14/14 08:59	05/21/14 17:15	1
2-Methylnaphthalene	ND		0.20		ug/L		05/14/14 08:59	05/21/14 17:15	1
Naphthalene	ND		0.20		ug/L		05/14/14 08:59	05/21/14 17:15	1
Pentachlorophenol	ND		40		ug/L		05/14/14 08:59	05/21/14 17:15	1
1,2,4,5-Tetrachlorobenzene	ND		1.0		ug/L		05/14/14 08:59	05/21/14 17:15	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L		05/14/14 08:59	05/21/14 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	67		29 - 110	05/14/14 08:59	05/21/14 17:15	1
2-Fluorophenol (Surr)	70		15 - 110	05/14/14 08:59	05/21/14 17:15	1
2,4,6-Tribromophenol (Surr)	67		21 - 128	05/14/14 08:59	05/21/14 17:15	1
Nitrobenzene-d5 (Surr)	74		31 - 110	05/14/14 08:59	05/21/14 17:15	1
Phenol-d5 (Surr)	76		10 - 110	05/14/14 08:59	05/21/14 17:15	1
Terphenyl-d14 (Surr)	94		31 - 115	05/14/14 08:59	05/21/14 17:15	1

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 22:02	1
<b>Chromium</b>	<b>9.8</b>		5.0		ug/L		05/14/14 10:23	05/15/14 22:02	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 22:02	1
Selenium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 22:02	1

TestAmerica Canton

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

**Client Sample ID: EB-501-2014-S**

**Lab Sample ID: 240-37266-5**

**Date Collected: 05/12/14 12:00**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:06	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

**Client Sample ID: MW-54-2014-S**

**Lab Sample ID: 240-37266-6**

**Date Collected: 05/12/14 12:40**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		50		ug/L			05/17/14 17:31	50
1,1-Dichloroethene	ND		50		ug/L			05/17/14 17:31	50
1,2-Dichloroethane	ND		50		ug/L			05/17/14 17:31	50
Benzene	ND		50		ug/L			05/17/14 17:31	50
<b>cis-1,2-Dichloroethene</b>	<b>410</b>		50		ug/L			05/17/14 17:31	50
Tetrachloroethene	ND		50		ug/L			05/17/14 17:31	50
Toluene	ND		50		ug/L			05/17/14 17:31	50
<b>Trichloroethene</b>	<b>1200</b>		50		ug/L			05/17/14 17:31	50
<b>Vinyl chloride</b>	<b>68</b>		50		ug/L			05/17/14 17:31	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		05/17/14 17:31	50
4-Bromofluorobenzene (Surr)	87		66 - 120		05/17/14 17:31	50
Toluene-d8 (Surr)	94		74 - 120		05/17/14 17:31	50
Dibromofluoromethane (Surr)	98		75 - 121		05/17/14 17:31	50

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 22:07	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 22:07	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 22:07	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:07	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

**Client Sample ID: MW-10-2014-S**

**Lab Sample ID: 240-37266-7**

**Date Collected: 05/12/14 14:00**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		2.0		ug/L			05/19/14 14:30	2
1,1-Dichloroethene	ND		2.0		ug/L			05/19/14 14:30	2
1,2-Dichloroethane	ND		2.0		ug/L			05/19/14 14:30	2
Benzene	ND		2.0		ug/L			05/19/14 14:30	2
<b>cis-1,2-Dichloroethene</b>	<b>41</b>		2.0		ug/L			05/19/14 14:30	2
Tetrachloroethene	ND		2.0		ug/L			05/19/14 14:30	2
Toluene	ND		2.0		ug/L			05/19/14 14:30	2
<b>Trichloroethene</b>	<b>51</b>		2.0		ug/L			05/19/14 14:30	2
Vinyl chloride	ND		2.0		ug/L			05/19/14 14:30	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		05/19/14 14:30	2
4-Bromofluorobenzene (Surr)	92		66 - 120		05/19/14 14:30	2
Toluene-d8 (Surr)	88		74 - 120		05/19/14 14:30	2
Dibromofluoromethane (Surr)	102		75 - 121		05/19/14 14:30	2

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 22:11	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 22:11	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 22:11	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:10	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

**Client Sample ID: MW-9-2014-S**

**Lab Sample ID: 240-37266-8**

**Date Collected: 05/12/14 16:10**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 20:01	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 20:01	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 20:01	1
Benzene	ND		1.0		ug/L			05/17/14 20:01	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 20:01	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 20:01	1
Toluene	ND		1.0		ug/L			05/17/14 20:01	1
Trichloroethene	ND		1.0		ug/L			05/17/14 20:01	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 20:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		05/17/14 20:01	1
4-Bromofluorobenzene (Surr)	93		66 - 120		05/17/14 20:01	1
Toluene-d8 (Surr)	86		74 - 120		05/17/14 20:01	1
Dibromofluoromethane (Surr)	103		75 - 121		05/17/14 20:01	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 22:15	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 22:15	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 22:15	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:11	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

**Client Sample ID: TB-501-2014S**

**Lab Sample ID: 240-37266-9**

**Date Collected: 05/12/14 00:00**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 20:24	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 20:24	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 20:24	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 20:24	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 20:24	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 20:24	1
Acetone	ND		10		ug/L			05/17/14 20:24	1
Benzene	ND		1.0		ug/L			05/17/14 20:24	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 20:24	1
Chloroethane	ND		1.0		ug/L			05/17/14 20:24	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 20:24	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 20:24	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 20:24	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 20:24	1
Toluene	ND		1.0		ug/L			05/17/14 20:24	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 20:24	1
Trichloroethene	ND		1.0		ug/L			05/17/14 20:24	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 20:24	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 20:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129					05/17/14 20:24	1
4-Bromofluorobenzene (Surr)	95		66 - 120					05/17/14 20:24	1
Toluene-d8 (Surr)	85		74 - 120					05/17/14 20:24	1
Dibromofluoromethane (Surr)	101		75 - 121					05/17/14 20:24	1

# Surrogate Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-120)	TOL (74-120)	DBFM (75-121)
240-37266-1	MW-8-2014-S	109	83	86	98
240-37266-2	MW-23-2014-S	104	85	90	99
240-37266-3	MW-13-2014-S	105	86	89	100
240-37266-4	MW-16-2014-S	103	83	89	101
240-37266-5	EB-501-2014-S	107	85	88	102
240-37266-6	MW-54-2014-S	103	87	94	98
240-37266-7	MW-10-2014-S	102	92	88	102
240-37266-8	MW-9-2014-S	100	93	86	103
240-37266-9	TB-501-2014S	102	95	85	101
LCS 240-131079/4	Lab Control Sample	94	98	96	96
LCS 240-131080/4	Lab Control Sample	101	95	94	100
LCS 240-131184/4	Lab Control Sample	103	99	93	98
MB 240-131079/6	Method Blank	98	85	89	95
MB 240-131080/6	Method Blank	105	88	91	103
MB 240-131184/6	Method Blank	110	87	90	105

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
TOL = Toluene-d8 (Surr)  
DBFM = Dibromofluoromethane (Surr)

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (29-110)	2FP (15-110)	TBP (21-128)	NBZ (31-110)	PHL (10-110)	TPH (31-115)
240-37266-2	MW-23-2014-S	64	61	65	71	47	84
240-37266-5	EB-501-2014-S	67	70	67	74	76	94
LCS 240-130584/21-A	Lab Control Sample	77	76	77	81	82	94
MB 240-130584/20-A	Method Blank	71	69	68	73	68	91

### Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)  
2FP = 2-Fluorophenol (Surr)  
TBP = 2,4,6-Tribromophenol (Surr)  
NBZ = Nitrobenzene-d5 (Surr)  
PHL = Phenol-d5 (Surr)  
TPH = Terphenyl-d14 (Surr)

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-131079/6**

**Matrix: Water**

**Analysis Batch: 131079**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 15:06	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 15:06	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 15:06	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 15:06	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 15:06	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 15:06	1
Acetone	ND		10		ug/L			05/17/14 15:06	1
Benzene	ND		1.0		ug/L			05/17/14 15:06	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 15:06	1
Chloroethane	ND		1.0		ug/L			05/17/14 15:06	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 15:06	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 15:06	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 15:06	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 15:06	1
Toluene	ND		1.0		ug/L			05/17/14 15:06	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 15:06	1
Trichloroethene	ND		1.0		ug/L			05/17/14 15:06	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 15:06	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 15:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		05/17/14 15:06	1
4-Bromofluorobenzene (Surr)	85		66 - 120		05/17/14 15:06	1
Toluene-d8 (Surr)	89		74 - 120		05/17/14 15:06	1
Dibromofluoromethane (Surr)	95		75 - 121		05/17/14 15:06	1

**Lab Sample ID: LCS 240-131079/4**

**Matrix: Water**

**Analysis Batch: 131079**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	10.9		ug/L		109	74 - 120
1,1,2-Trichloroethane	10.0	10.4		ug/L		104	80 - 120
1,1-Dichloroethane	10.0	10.8		ug/L		108	80 - 120
1,1-Dichloroethene	10.0	10.5		ug/L		105	78 - 131
1,2-Dichloroethane	10.0	10.6		ug/L		106	71 - 127
1,2-Dichloropropane	10.0	11.0		ug/L		110	80 - 120
Acetone	20.0	23.3		ug/L		117	43 - 136
Benzene	10.0	10.1		ug/L		101	80 - 120
Carbon disulfide	10.0	11.2		ug/L		112	62 - 142
Chloroethane	10.0	7.94		ug/L		79	25 - 153
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	80 - 120
Ethylbenzene	10.0	10.5		ug/L		105	80 - 120
Methylene Chloride	10.0	9.83		ug/L		98	66 - 131
Tetrachloroethene	10.0	10.3		ug/L		103	79 - 120
Toluene	10.0	10.4		ug/L		104	80 - 120
trans-1,2-Dichloroethene	10.0	10.4		ug/L		104	80 - 120
Trichloroethene	10.0	10.0		ug/L		100	76 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131079/4**

**Matrix: Water**

**Analysis Batch: 131079**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	10.0	9.34		ug/L		93	53 - 127
Xylenes, Total	20.0	20.9		ug/L		105	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		63 - 129
4-Bromofluorobenzene (Surr)	98		66 - 120
Toluene-d8 (Surr)	96		74 - 120
Dibromofluoromethane (Surr)	96		75 - 121

**Lab Sample ID: MB 240-131080/6**

**Matrix: Water**

**Analysis Batch: 131080**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 15:12	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 15:12	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 15:12	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 15:12	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 15:12	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 15:12	1
Acetone	ND		10		ug/L			05/17/14 15:12	1
Benzene	ND		1.0		ug/L			05/17/14 15:12	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 15:12	1
Chloroethane	ND		1.0		ug/L			05/17/14 15:12	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 15:12	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 15:12	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 15:12	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 15:12	1
Toluene	ND		1.0		ug/L			05/17/14 15:12	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 15:12	1
Trichloroethene	ND		1.0		ug/L			05/17/14 15:12	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 15:12	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 15:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		05/17/14 15:12	1
4-Bromofluorobenzene (Surr)	88		66 - 120		05/17/14 15:12	1
Toluene-d8 (Surr)	91		74 - 120		05/17/14 15:12	1
Dibromofluoromethane (Surr)	103		75 - 121		05/17/14 15:12	1

**Lab Sample ID: LCS 240-131080/4**

**Matrix: Water**

**Analysis Batch: 131080**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	11.8		ug/L		118	74 - 120
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	80 - 120
1,1-Dichloroethane	10.0	10.7		ug/L		107	80 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131080/4**

**Matrix: Water**

**Analysis Batch: 131080**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	10.6		ug/L		106	78 - 131
1,2-Dichloroethane	10.0	10.9		ug/L		109	71 - 127
1,2-Dichloropropane	10.0	9.35		ug/L		93	80 - 120
Acetone	20.0	18.7		ug/L		93	43 - 136
Benzene	10.0	10.1		ug/L		101	80 - 120
Carbon disulfide	10.0	10.4		ug/L		104	62 - 142
Chloroethane	10.0	8.39		ug/L		84	25 - 153
cis-1,2-Dichloroethene	10.0	10.4		ug/L		104	80 - 120
Ethylbenzene	10.0	9.63		ug/L		96	80 - 120
Methylene Chloride	10.0	11.3		ug/L		113	66 - 131
Tetrachloroethene	10.0	9.98		ug/L		100	79 - 120
Toluene	10.0	10.3		ug/L		103	80 - 120
trans-1,2-Dichloroethene	10.0	10.7		ug/L		107	80 - 120
Trichloroethene	10.0	10.4		ug/L		104	76 - 120
Vinyl chloride	10.0	8.51		ug/L		85	53 - 127
Xylenes, Total	20.0	20.1		ug/L		100	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		63 - 129
4-Bromofluorobenzene (Surr)	95		66 - 120
Toluene-d8 (Surr)	94		74 - 120
Dibromofluoromethane (Surr)	100		75 - 121

**Lab Sample ID: MB 240-131184/6**

**Matrix: Water**

**Analysis Batch: 131184**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/19/14 13:37	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 13:37	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 13:37	1
Benzene	ND		1.0		ug/L			05/19/14 13:37	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 13:37	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 13:37	1
Toluene	ND		1.0		ug/L			05/19/14 13:37	1
Trichloroethene	ND		1.0		ug/L			05/19/14 13:37	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 13:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 129		05/19/14 13:37	1
4-Bromofluorobenzene (Surr)	87		66 - 120		05/19/14 13:37	1
Toluene-d8 (Surr)	90		74 - 120		05/19/14 13:37	1
Dibromofluoromethane (Surr)	105		75 - 121		05/19/14 13:37	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131184/4**

**Matrix: Water**

**Analysis Batch: 131184**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	10.4		ug/L		104	80 - 120
1,1-Dichloroethene	10.0	10.6		ug/L		106	78 - 131
1,2-Dichloroethane	10.0	11.7		ug/L		117	71 - 127
Benzene	10.0	10.5		ug/L		105	80 - 120
cis-1,2-Dichloroethene	10.0	10.7		ug/L		107	80 - 120
Tetrachloroethene	10.0	9.99		ug/L		100	79 - 120
Toluene	10.0	10.5		ug/L		105	80 - 120
Trichloroethene	10.0	11.0		ug/L		110	76 - 120
Vinyl chloride	10.0	7.83		ug/L		78	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		63 - 129
4-Bromofluorobenzene (Surr)	99		66 - 120
Toluene-d8 (Surr)	93		74 - 120
Dibromofluoromethane (Surr)	98		75 - 121

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-130584/20-A**

**Matrix: Water**

**Analysis Batch: 131276**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 130584**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	2.31		2.0		ug/L		05/14/14 08:59	05/20/14 08:10	1
2-Methylnaphthalene	ND		0.20		ug/L		05/14/14 08:59	05/20/14 08:10	1
Naphthalene	ND		0.20		ug/L		05/14/14 08:59	05/20/14 08:10	1
Pentachlorophenol	ND		40		ug/L		05/14/14 08:59	05/20/14 08:10	1
1,2,4,5-Tetrachlorobenzene	ND		1.0		ug/L		05/14/14 08:59	05/20/14 08:10	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L		05/14/14 08:59	05/20/14 08:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	71		29 - 110	05/14/14 08:59	05/20/14 08:10	1
2-Fluorophenol (Surr)	69		15 - 110	05/14/14 08:59	05/20/14 08:10	1
2,4,6-Tribromophenol (Surr)	68		21 - 128	05/14/14 08:59	05/20/14 08:10	1
Nitrobenzene-d5 (Surr)	73		31 - 110	05/14/14 08:59	05/20/14 08:10	1
Phenol-d5 (Surr)	68		10 - 110	05/14/14 08:59	05/20/14 08:10	1
Terphenyl-d14 (Surr)	91		31 - 115	05/14/14 08:59	05/20/14 08:10	1

**Lab Sample ID: LCS 240-130584/21-A**

**Matrix: Water**

**Analysis Batch: 131276**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 130584**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	40.0	36.8		ug/L		92	40 - 160
2-Methylnaphthalene	40.0	30.3		ug/L		76	40 - 160
Naphthalene	40.0	30.6		ug/L		76	40 - 160
Pentachlorophenol	80.0	53.0		ug/L		66	10 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID:** LCS 240-130584/21-A  
**Matrix:** Water  
**Analysis Batch:** 131276

**Client Sample ID:** Lab Control Sample  
**Prep Type:** Total/NA  
**Prep Batch:** 130584

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4,5-Tetrachlorobenzene	40.0	28.1		ug/L		70	40 - 160
1,2,4-Trichlorobenzene	40.0	27.0		ug/L		68	40 - 160

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	77		29 - 110
2-Fluorophenol (Surr)	76		15 - 110
2,4,6-Tribromophenol (Surr)	77		21 - 128
Nitrobenzene-d5 (Surr)	81		31 - 110
Phenol-d5 (Surr)	82		10 - 110
Terphenyl-d14 (Surr)	94		31 - 115

## Method: 6010B - Metals (ICP)

**Lab Sample ID:** MB 240-130620/1-A  
**Matrix:** Water  
**Analysis Batch:** 130788

**Client Sample ID:** Method Blank  
**Prep Type:** Total Recoverable  
**Prep Batch:** 130620

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 12:55	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 12:55	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 12:55	1
Selenium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 12:55	1

**Lab Sample ID:** LCS 240-130620/2-A  
**Matrix:** Water  
**Analysis Batch:** 130788

**Client Sample ID:** Lab Control Sample  
**Prep Type:** Total Recoverable  
**Prep Batch:** 130620

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2000	1940		ug/L		97	80 - 120
Chromium	200	191		ug/L		96	80 - 120
Lead	500	464		ug/L		93	80 - 120
Selenium	2000	2010		ug/L		100	80 - 120

## Method: 7196A - Chromium, Hexavalent

**Lab Sample ID:** MB 240-130423/3  
**Matrix:** Water  
**Analysis Batch:** 130423

**Client Sample ID:** Method Blank  
**Prep Type:** Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 00:58	1

**Lab Sample ID:** LCS 240-130423/4  
**Matrix:** Water  
**Analysis Batch:** 130423

**Client Sample ID:** Lab Control Sample  
**Prep Type:** Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.285		mg/L		114	80 - 118

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

## Method: 7196A - Chromium, Hexavalent (Continued)

**Lab Sample ID: 240-37266-1 MS**

**Matrix: Water**

**Analysis Batch: 130423**

**Client Sample ID: MW-8-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	ND		0.250	0.302		mg/L		121	41 - 136

**Lab Sample ID: 240-37266-1 MSD**

**Matrix: Water**

**Analysis Batch: 130423**

**Client Sample ID: MW-8-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	ND		0.250	0.338		mg/L		135	41 - 136	11	20

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# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

## GC/MS VOA

### Analysis Batch: 131079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-1	MW-8-2014-S	Total/NA	Water	8260B	
240-37266-2	MW-23-2014-S	Total/NA	Water	8260B	
240-37266-3	MW-13-2014-S	Total/NA	Water	8260B	
240-37266-4	MW-16-2014-S	Total/NA	Water	8260B	
240-37266-5	EB-501-2014-S	Total/NA	Water	8260B	
240-37266-6	MW-54-2014-S	Total/NA	Water	8260B	
LCS 240-131079/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131079/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-8	MW-9-2014-S	Total/NA	Water	8260B	
240-37266-9	TB-501-2014-S	Total/NA	Water	8260B	
LCS 240-131080/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131080/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-7	MW-10-2014-S	Total/NA	Water	8260B	
LCS 240-131184/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131184/6	Method Blank	Total/NA	Water	8260B	

## GC/MS Semi VOA

### Prep Batch: 130584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-2	MW-23-2014-S	Total/NA	Water	3510C	
240-37266-5	EB-501-2014-S	Total/NA	Water	3510C	
LCS 240-130584/21-A	Lab Control Sample	Total/NA	Water	3510C	
MB 240-130584/20-A	Method Blank	Total/NA	Water	3510C	

### Analysis Batch: 131276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-130584/21-A	Lab Control Sample	Total/NA	Water	8270C	130584
MB 240-130584/20-A	Method Blank	Total/NA	Water	8270C	130584

### Analysis Batch: 131455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-2	MW-23-2014-S	Total/NA	Water	8270C	130584
240-37266-5	EB-501-2014-S	Total/NA	Water	8270C	130584

## Metals

### Prep Batch: 130620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-1	MW-8-2014-S	Total Recoverable	Water	3005A	
240-37266-2	MW-23-2014-S	Total Recoverable	Water	3005A	
240-37266-3	MW-13-2014-S	Total Recoverable	Water	3005A	
240-37266-4	MW-16-2014-S	Total Recoverable	Water	3005A	
240-37266-5	EB-501-2014-S	Total Recoverable	Water	3005A	

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# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

## Metals (Continued)

### Prep Batch: 130620 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-6	MW-54-2014-S	Total Recoverable	Water	3005A	
240-37266-7	MW-10-2014-S	Total Recoverable	Water	3005A	
240-37266-8	MW-9-2014-S	Total Recoverable	Water	3005A	
LCS 240-130620/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-130620/1-A	Method Blank	Total Recoverable	Water	3005A	

### Analysis Batch: 130788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-1	MW-8-2014-S	Total Recoverable	Water	6010B	130620
240-37266-2	MW-23-2014-S	Total Recoverable	Water	6010B	130620
240-37266-3	MW-13-2014-S	Total Recoverable	Water	6010B	130620
240-37266-4	MW-16-2014-S	Total Recoverable	Water	6010B	130620
240-37266-5	EB-501-2014-S	Total Recoverable	Water	6010B	130620
240-37266-6	MW-54-2014-S	Total Recoverable	Water	6010B	130620
240-37266-7	MW-10-2014-S	Total Recoverable	Water	6010B	130620
240-37266-8	MW-9-2014-S	Total Recoverable	Water	6010B	130620
LCS 240-130620/2-A	Lab Control Sample	Total Recoverable	Water	6010B	130620
MB 240-130620/1-A	Method Blank	Total Recoverable	Water	6010B	130620

## General Chemistry

### Analysis Batch: 130423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-1	MW-8-2014-S	Total/NA	Water	7196A	
240-37266-1 MS	MW-8-2014-S	Total/NA	Water	7196A	
240-37266-1 MSD	MW-8-2014-S	Total/NA	Water	7196A	
240-37266-2	MW-23-2014-S	Total/NA	Water	7196A	
240-37266-3	MW-13-2014-S	Total/NA	Water	7196A	
240-37266-4	MW-16-2014-S	Total/NA	Water	7196A	
240-37266-5	EB-501-2014-S	Total/NA	Water	7196A	
240-37266-6	MW-54-2014-S	Total/NA	Water	7196A	
240-37266-7	MW-10-2014-S	Total/NA	Water	7196A	
240-37266-8	MW-9-2014-S	Total/NA	Water	7196A	
LCS 240-130423/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-130423/3	Method Blank	Total/NA	Water	7196A	

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

## Client Sample ID: MW-8-2014-S

Lab Sample ID: 240-37266-1

Date Collected: 05/12/14 09:40

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2.5	131079	05/17/14 21:16	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:46	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:00	BLW	TAL CAN

## Client Sample ID: MW-23-2014-S

Lab Sample ID: 240-37266-2

Date Collected: 05/12/14 10:20

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		16.67	131079	05/17/14 21:39	LRW	TAL CAN
Total/NA	Prep	3510C			130584	05/14/14 08:59	SDE	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 17:39	TMH	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:50	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:03	BLW	TAL CAN

## Client Sample ID: MW-13-2014-S

Lab Sample ID: 240-37266-3

Date Collected: 05/12/14 10:55

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2.5	131079	05/17/14 22:02	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:54	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:04	BLW	TAL CAN

## Client Sample ID: MW-16-2014-S

Lab Sample ID: 240-37266-4

Date Collected: 05/12/14 11:30

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		25	131079	05/17/14 22:24	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:58	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:05	BLW	TAL CAN

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

## Client Sample ID: EB-501-2014-S

## Lab Sample ID: 240-37266-5

Date Collected: 05/12/14 12:00

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131079	05/17/14 22:47	LRW	TAL CAN
Total/NA	Prep	3510C			130584	05/14/14 08:59	SDE	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 17:15	TMH	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 22:02	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:06	BLW	TAL CAN

## Client Sample ID: MW-54-2014-S

## Lab Sample ID: 240-37266-6

Date Collected: 05/12/14 12:40

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	131079	05/17/14 17:31	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 22:07	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:07	BLW	TAL CAN

## Client Sample ID: MW-10-2014-S

## Lab Sample ID: 240-37266-7

Date Collected: 05/12/14 14:00

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	131184	05/19/14 14:30	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 22:11	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:10	BLW	TAL CAN

## Client Sample ID: MW-9-2014-S

## Lab Sample ID: 240-37266-8

Date Collected: 05/12/14 16:10

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131080	05/17/14 20:01	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 22:15	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:11	BLW	TAL CAN

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

**Client Sample ID: TB-501-2014S**

**Lab Sample ID: 240-37266-9**

**Date Collected: 05/12/14 00:00**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131080	05/17/14 20:24	LRW	TAL CAN

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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# Certification Summary

Client: T&M Associates  
Project/Site: MERT-00070

TestAmerica Job ID: 240-37266-1

## Laboratory: TestAmerica Canton

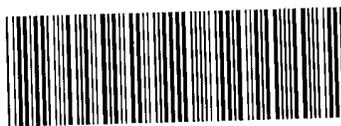
All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-14 *
Georgia	State Program	4	N/A	06-30-14 *
Illinois	NELAP	5	200004	07-31-14 *
Kansas	NELAP	7	E-10336	01-31-15
Kentucky (UST)	State Program	4	58	06-30-14 *
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-14 *
New Jersey	NELAP	2	OH001	06-30-14 *
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14 *
Texas	NELAP	6		08-31-14
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-14 *

\* Certification renewal pending - certification considered valid.



**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-37266 Chain of Custody



**Chain of Custody Record**

TestAmerica Laboratory location: North Canton, OH 44720      Other: \_\_\_\_\_  
 Regulatory program:  DW     NEDES     RCRA     Other: \_\_\_\_\_

<b>Client Contact</b> Company Name: <b>T+M Associates</b> Address: <b>4675 Lakehurst Ct. Suite 250</b> City/State/Zip: <b>Columbus, OH 43016</b> Phone: <b>614-339-8880</b>		<b>Site Contact</b> Site Contact: <b>GORDON PARISH</b> Telephone: <b>614-406-1338</b>		<b>Lab Contact</b> Lab Contact: <b>Josh McKinney</b> Telephone: <b>937-294-6850</b>		COC No: <b>060003</b> 1 of 1 COCs	
Email: <b>JPeoples@tandmasocietes.com</b> Method of Shipment/Carrier: <b>Cooler/FedEx</b> Shipping/Tracking No: _____		Analysis Turnaround Time (for BUS days) <input type="checkbox"/> 3 weeks <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		For lab use only <input type="checkbox"/> Walk-in client <input type="checkbox"/> Lab pickup <input type="checkbox"/> Lab sampling Job/SDG No: _____		Sample Specific Notes / Special Instructions: _____	
Project Name: <b>MERITOR GRENADA</b> Project Number: <b>MERT-00070</b>		Matrix: _____ Containers & Preservatives: _____		Filtered Sample (Y/N) _____ Composite (C/Grab) _____		Analyses: C.(VI) (7196A) X VOCs (8260B) List 1 X VOCs (8260B) List 2 X Pb,As,Cr (6010B) X Se (6010B) X SVOCs (8270C) X	
Sample Identification	Sample Date	Sample Time	Matrix	Containers & Preservatives	Analysis	Special Notes	Sample Specific Notes / Special Instructions
MW-8-2014-S	5/12/14	0940	X	1 3	1		
MW-23-2014-S		1020	X	1 3	2		
MW-13-2014-S		1055	X	1 3	1		
MW-16-2014-S		1130	X	1 3	1		
EB-501-2014-S		1200	X	1 3	1		
JW-54-2014-S		1240	X	1 3	1		
MW-10-2014-S		1400	X	1 3	1		
MW-9-2014-S		1610	X	1 3	1		
Trip Blank			X	2			

Possible Hazard Identification:  
 Non-Hazard     Flammable     Skin Irritant     Poison B     Unknown  
 Return to Client     Disposal By Lab     Archive For \_\_\_\_\_ Months

Special Instructions/QC Requirements & Comments:  
 All times central time zone

Relinquished by: <i>M Joy</i>	Date/Time: 5/12/14 1700	Received by: <i>John Roth</i>	Date/Time: 5/12/14 0840
Company: T+M Associates	Company: Test America	Received in Laboratory by:	Company:



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TestAmerica Canton Sample Receipt Form/Narrative

Login # : 312.00

Canton Facility

Client TAM Associates Site Name \_\_\_\_\_

Cooler unpacked by:

Ryan Ross

Cooler Received on 5/13/14 Opened on 5/13/14

FedEx: 1<sup>st</sup> Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other \_\_\_\_\_

TestAmerica Cooler # \_\_\_\_\_ Foam Box Client Cooler Box Other \_\_\_\_\_

Packing material used: Bubble Wrap Foam Plastic Bag None Other \_\_\_\_\_

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A (CF +0 °C) Observed Cooler Temp. 0.8 °C Corrected Cooler Temp. 0.8 °C

IR GUN# 4 (CF -1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

IR GUN# 5 (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

IR GUN# 8 (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C

See Multiple Cooler Form

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity \_\_\_\_\_ Yes No

-Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA

-Were custody seals on the bottle(s)? Yes No

3. Shippers' packing slip attached to the cooler(s)? Yes No

4. Did custody papers accompany the sample(s)? Yes No

5. Were the custody papers relinquished & signed in the appropriate place? Yes No

6. Did all bottles arrive in good condition (Unbroken)? Yes No

7. Could all bottle labels be reconciled with the COC? Yes No

8. Were correct bottle(s) used for the test(s) indicated? Yes No

9. Sufficient quantity received to perform indicated analyses? Yes No

10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC302587

11. Were VOAs on the COC? Yes No

12. Were air bubbles >6 mm in any VOA vials? Yes No NA

13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other \_\_\_\_\_

Concerning \_\_\_\_\_

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

TAM

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

15. SAMPLE CONDITION

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.

Sample(s) \_\_\_\_\_ were received in a broken container.

Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.

Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> pH	<u>Preservative</u> Added (mls)	<u>Lot #</u>
MW-8-2014-S	240-37266-E-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-23-2014-S	240-37266-F-2	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-13-2014-S	240-37266-E-3	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-16-2014-S	240-37266-E-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
EB-501-2014-S	240-37266-F-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-54-2014-S	240-37266-E-6	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-10-2014-S	240-37266-E-7	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-9-2014-S	240-37266-E-8	Plastic 500ml - with Nitric Acid	<2	_____	_____

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-37489-1

Client Project/Site: MERT-00090

Revision: 1

For:

T&M Associates

4675 Lakehurst Court

Suite 250

Columbus, Ohio 43016

Attn: Jim Peeples



Authorized for release by:

6/9/2014 3:22:32 PM

Josh McKinney, Project Manager II

(937)294-6856

[josh.mckinney@testamericainc.com](mailto:josh.mckinney@testamericainc.com)

### LINKS

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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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## Definitions/Glossary

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

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**Job ID: 240-37489-1**

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**Laboratory: TestAmerica Canton**

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**Narrative**

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**Job Narrative**  
**240-37489-1**

**Comments**

No additional comments.

**Receipt**

The samples were received on 5/17/2014 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.4° C.

**GC/MS VOA**

Method(s) 8260B: The method blank for batch <<131760>> contained <<Carbon disulfide>> above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method(s) 8260B: No Ms/Msd for batch 131760 due to analyst prep error.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**VOA Prep**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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# Method Summary

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

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Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN

---

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

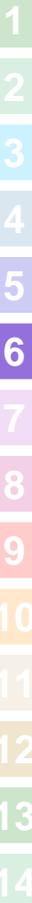
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# Sample Summary

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-37489-1	EB-601-051514	Water	05/15/14 07:30	05/17/14 09:30
240-37489-2	FD-601-051514	Water	05/15/14 07:15	05/17/14 09:30
240-37489-3	VP-101-051514	Water	05/15/14 07:45	05/17/14 09:30
240-37489-4	VP-103-051514	Water	05/15/14 08:00	05/17/14 09:30
240-37489-5	VP-108-051514	Water	05/15/14 08:15	05/17/14 09:30
240-37489-6	VP-107-051514	Water	05/15/14 08:20	05/17/14 09:30
240-37489-7	VP-110-051514	Water	05/15/14 08:25	05/17/14 09:30
240-37489-8	VP-106-051514	Water	05/15/14 08:35	05/17/14 09:30
240-37489-9	VP-112-051514	Water	05/15/14 08:45	05/17/14 09:30
240-37489-10	VP-114-051514	Water	05/15/14 08:50	05/17/14 09:30
240-37489-11	MW-48-2014-SR	Water	05/15/14 10:15	05/17/14 09:30
240-37489-12	MW-47-2014-SR	Water	05/15/14 10:45	05/17/14 09:30
240-37489-13	TB-701-2014SR	Water	05/15/14 00:00	05/17/14 09:30



# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

## Client Sample ID: EB-601-051514

Lab Sample ID: 240-37489-1

No Detections.

## Client Sample ID: FD-601-051514

Lab Sample ID: 240-37489-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4000		67		ug/L	66.67		8260B	Total/NA
trans-1,2-Dichloroethene	290		67		ug/L	66.67		8260B	Total/NA
Trichloroethene	230		67		ug/L	66.67		8260B	Total/NA
Vinyl chloride	260		67		ug/L	66.67		8260B	Total/NA

## Client Sample ID: VP-101-051514

Lab Sample ID: 240-37489-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3800		67		ug/L	66.67		8260B	Total/NA
trans-1,2-Dichloroethene	270		67		ug/L	66.67		8260B	Total/NA
Trichloroethene	240		67		ug/L	66.67		8260B	Total/NA
Vinyl chloride	240		67		ug/L	66.67		8260B	Total/NA

## Client Sample ID: VP-103-051514

Lab Sample ID: 240-37489-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	38		2.0		ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	3.0		2.0		ug/L	2		8260B	Total/NA
Trichloroethene	11		2.0		ug/L	2		8260B	Total/NA
Vinyl chloride	4.6		2.0		ug/L	2		8260B	Total/NA

## Client Sample ID: VP-108-051514

Lab Sample ID: 240-37489-5

No Detections.

## Client Sample ID: VP-107-051514

Lab Sample ID: 240-37489-6

No Detections.

## Client Sample ID: VP-110-051514

Lab Sample ID: 240-37489-7

No Detections.

## Client Sample ID: VP-106-051514

Lab Sample ID: 240-37489-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	17		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	7.1		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: VP-112-051514

Lab Sample ID: 240-37489-9

No Detections.

## Client Sample ID: VP-114-051514

Lab Sample ID: 240-37489-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.5		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	3.2		1.0		ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

## Client Sample ID: MW-48-2014-SR

Lab Sample ID: 240-37489-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2500		130		ug/L	133.33		8260B	Total/NA
Trichloroethene	8300		130		ug/L	133.33		8260B	Total/NA
Vinyl chloride	290		130		ug/L	133.33		8260B	Total/NA

## Client Sample ID: MW-47-2014-SR

Lab Sample ID: 240-37489-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	34		1.4		ug/L	1.43		8260B	Total/NA
Trichloroethene	5.6		1.4		ug/L	1.43		8260B	Total/NA
Vinyl chloride	15		1.4		ug/L	1.43		8260B	Total/NA

## Client Sample ID: TB-701-2014SR

Lab Sample ID: 240-37489-13

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

**Client Sample ID: EB-601-051514**

**Lab Sample ID: 240-37489-1**

**Date Collected: 05/15/14 07:30**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 17:54	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 17:54	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 17:54	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 17:54	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 17:54	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 17:54	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 17:54	1
Acetone	ND		10		ug/L			05/27/14 17:54	1
Benzene	ND		1.0		ug/L			05/27/14 17:54	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 17:54	1
Chloroethane	ND		1.0		ug/L			05/27/14 17:54	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 17:54	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 17:54	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 17:54	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 17:54	1
Toluene	ND		1.0		ug/L			05/27/14 17:54	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 17:54	1
Trichloroethene	ND		1.0		ug/L			05/27/14 17:54	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 17:54	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		63 - 129		05/27/14 17:54	1
4-Bromofluorobenzene (Surr)	75		66 - 120		05/27/14 17:54	1
Toluene-d8 (Surr)	82		74 - 120		05/27/14 17:54	1
Dibromofluoromethane (Surr)	94		75 - 121		05/27/14 17:54	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

**Client Sample ID: FD-601-051514**

**Lab Sample ID: 240-37489-2**

**Date Collected: 05/15/14 07:15**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		67		ug/L			05/23/14 06:11	66.67
1,1,2-Trichloroethane	ND		67		ug/L			05/23/14 06:11	66.67
1,1-Dichloroethane	ND		67		ug/L			05/23/14 06:11	66.67
1,1-Dichloroethene	ND		67		ug/L			05/23/14 06:11	66.67
1,2,4-Trimethylbenzene	ND		67		ug/L			05/23/14 06:11	66.67
1,2-Dichloroethane	ND		67		ug/L			05/23/14 06:11	66.67
1,2-Dichloropropane	ND		67		ug/L			05/23/14 06:11	66.67
Acetone	ND		670		ug/L			05/23/14 06:11	66.67
Benzene	ND		67		ug/L			05/23/14 06:11	66.67
Carbon disulfide	ND		67		ug/L			05/23/14 06:11	66.67
Chloroethane	ND		67		ug/L			05/23/14 06:11	66.67
<b>cis-1,2-Dichloroethene</b>	<b>4000</b>		67		ug/L			05/23/14 06:11	66.67
Ethylbenzene	ND		67		ug/L			05/23/14 06:11	66.67
Methylene Chloride	ND		67		ug/L			05/23/14 06:11	66.67
Tetrachloroethene	ND		67		ug/L			05/23/14 06:11	66.67
Toluene	ND		67		ug/L			05/23/14 06:11	66.67
<b>trans-1,2-Dichloroethene</b>	<b>290</b>		67		ug/L			05/23/14 06:11	66.67
<b>Trichloroethene</b>	<b>230</b>		67		ug/L			05/23/14 06:11	66.67
<b>Vinyl chloride</b>	<b>260</b>		67		ug/L			05/23/14 06:11	66.67
Xylenes, Total	ND		130		ug/L			05/23/14 06:11	66.67
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129					05/23/14 06:11	66.67
4-Bromofluorobenzene (Surr)	77		66 - 120					05/23/14 06:11	66.67
Toluene-d8 (Surr)	91		74 - 120					05/23/14 06:11	66.67
Dibromofluoromethane (Surr)	98		75 - 121					05/23/14 06:11	66.67

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

**Client Sample ID: VP-101-051514**

**Lab Sample ID: 240-37489-3**

**Date Collected: 05/15/14 07:45**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		67		ug/L			05/23/14 06:33	66.67
1,1,2-Trichloroethane	ND		67		ug/L			05/23/14 06:33	66.67
1,1-Dichloroethane	ND		67		ug/L			05/23/14 06:33	66.67
1,1-Dichloroethene	ND		67		ug/L			05/23/14 06:33	66.67
1,2,4-Trimethylbenzene	ND		67		ug/L			05/23/14 06:33	66.67
1,2-Dichloroethane	ND		67		ug/L			05/23/14 06:33	66.67
1,2-Dichloropropane	ND		67		ug/L			05/23/14 06:33	66.67
Acetone	ND		670		ug/L			05/23/14 06:33	66.67
Benzene	ND		67		ug/L			05/23/14 06:33	66.67
Carbon disulfide	ND		67		ug/L			05/23/14 06:33	66.67
Chloroethane	ND		67		ug/L			05/23/14 06:33	66.67
<b>cis-1,2-Dichloroethene</b>	<b>3800</b>		67		ug/L			05/23/14 06:33	66.67
Ethylbenzene	ND		67		ug/L			05/23/14 06:33	66.67
Methylene Chloride	ND		67		ug/L			05/23/14 06:33	66.67
Tetrachloroethene	ND		67		ug/L			05/23/14 06:33	66.67
Toluene	ND		67		ug/L			05/23/14 06:33	66.67
<b>trans-1,2-Dichloroethene</b>	<b>270</b>		67		ug/L			05/23/14 06:33	66.67
<b>Trichloroethene</b>	<b>240</b>		67		ug/L			05/23/14 06:33	66.67
<b>Vinyl chloride</b>	<b>240</b>		67		ug/L			05/23/14 06:33	66.67
Xylenes, Total	ND		130		ug/L			05/23/14 06:33	66.67
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129					05/23/14 06:33	66.67
4-Bromofluorobenzene (Surr)	73		66 - 120					05/23/14 06:33	66.67
Toluene-d8 (Surr)	93		74 - 120					05/23/14 06:33	66.67
Dibromofluoromethane (Surr)	95		75 - 121					05/23/14 06:33	66.67

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

**Client Sample ID: VP-103-051514**

**Lab Sample ID: 240-37489-4**

**Date Collected: 05/15/14 08:00**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0		ug/L			05/27/14 18:16	2
1,1,2-Trichloroethane	ND		2.0		ug/L			05/27/14 18:16	2
1,1-Dichloroethane	ND		2.0		ug/L			05/27/14 18:16	2
1,1-Dichloroethene	ND		2.0		ug/L			05/27/14 18:16	2
1,2,4-Trimethylbenzene	ND		2.0		ug/L			05/27/14 18:16	2
1,2-Dichloroethane	ND		2.0		ug/L			05/27/14 18:16	2
1,2-Dichloropropane	ND		2.0		ug/L			05/27/14 18:16	2
Acetone	ND		20		ug/L			05/27/14 18:16	2
Benzene	ND		2.0		ug/L			05/27/14 18:16	2
Carbon disulfide	ND		2.0		ug/L			05/27/14 18:16	2
Chloroethane	ND		2.0		ug/L			05/27/14 18:16	2
<b>cis-1,2-Dichloroethene</b>	<b>38</b>		2.0		ug/L			05/27/14 18:16	2
Ethylbenzene	ND		2.0		ug/L			05/27/14 18:16	2
Methylene Chloride	ND		2.0		ug/L			05/27/14 18:16	2
Tetrachloroethene	ND		2.0		ug/L			05/27/14 18:16	2
Toluene	ND		2.0		ug/L			05/27/14 18:16	2
<b>trans-1,2-Dichloroethene</b>	<b>3.0</b>		2.0		ug/L			05/27/14 18:16	2
<b>Trichloroethene</b>	<b>11</b>		2.0		ug/L			05/27/14 18:16	2
<b>Vinyl chloride</b>	<b>4.6</b>		2.0		ug/L			05/27/14 18:16	2
Xylenes, Total	ND		4.0		ug/L			05/27/14 18:16	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		63 - 129		05/27/14 18:16	2
4-Bromofluorobenzene (Surr)	81		66 - 120		05/27/14 18:16	2
Toluene-d8 (Surr)	84		74 - 120		05/27/14 18:16	2
Dibromofluoromethane (Surr)	93		75 - 121		05/27/14 18:16	2

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

**Client Sample ID: VP-108-051514**

**Lab Sample ID: 240-37489-5**

**Date Collected: 05/15/14 08:15**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 18:38	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 18:38	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 18:38	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 18:38	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 18:38	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 18:38	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 18:38	1
Acetone	ND		10		ug/L			05/27/14 18:38	1
Benzene	ND		1.0		ug/L			05/27/14 18:38	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 18:38	1
Chloroethane	ND		1.0		ug/L			05/27/14 18:38	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 18:38	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 18:38	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 18:38	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 18:38	1
Toluene	ND		1.0		ug/L			05/27/14 18:38	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 18:38	1
Trichloroethene	ND		1.0		ug/L			05/27/14 18:38	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 18:38	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		05/27/14 18:38	1
4-Bromofluorobenzene (Surr)	80		66 - 120		05/27/14 18:38	1
Toluene-d8 (Surr)	83		74 - 120		05/27/14 18:38	1
Dibromofluoromethane (Surr)	98		75 - 121		05/27/14 18:38	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

**Client Sample ID: VP-107-051514**

**Lab Sample ID: 240-37489-6**

**Date Collected: 05/15/14 08:20**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 19:01	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 19:01	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 19:01	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 19:01	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 19:01	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 19:01	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 19:01	1
Acetone	ND		10		ug/L			05/27/14 19:01	1
Benzene	ND		1.0		ug/L			05/27/14 19:01	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 19:01	1
Chloroethane	ND		1.0		ug/L			05/27/14 19:01	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 19:01	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 19:01	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 19:01	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 19:01	1
Toluene	ND		1.0		ug/L			05/27/14 19:01	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 19:01	1
Trichloroethene	ND		1.0		ug/L			05/27/14 19:01	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 19:01	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		05/27/14 19:01	1
4-Bromofluorobenzene (Surr)	81		66 - 120		05/27/14 19:01	1
Toluene-d8 (Surr)	82		74 - 120		05/27/14 19:01	1
Dibromofluoromethane (Surr)	98		75 - 121		05/27/14 19:01	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

**Client Sample ID: VP-110-051514**

**Lab Sample ID: 240-37489-7**

**Date Collected: 05/15/14 08:25**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 19:23	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 19:23	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 19:23	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 19:23	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 19:23	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 19:23	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 19:23	1
Acetone	ND		10		ug/L			05/27/14 19:23	1
Benzene	ND		1.0		ug/L			05/27/14 19:23	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 19:23	1
Chloroethane	ND		1.0		ug/L			05/27/14 19:23	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 19:23	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 19:23	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 19:23	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 19:23	1
Toluene	ND		1.0		ug/L			05/27/14 19:23	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 19:23	1
Trichloroethene	ND		1.0		ug/L			05/27/14 19:23	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 19:23	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 19:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		05/27/14 19:23	1
4-Bromofluorobenzene (Surr)	79		66 - 120		05/27/14 19:23	1
Toluene-d8 (Surr)	85		74 - 120		05/27/14 19:23	1
Dibromofluoromethane (Surr)	98		75 - 121		05/27/14 19:23	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

**Client Sample ID: VP-106-051514**

**Lab Sample ID: 240-37489-8**

**Date Collected: 05/15/14 08:35**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 19:46	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 19:46	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 19:46	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 19:46	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 19:46	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 19:46	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 19:46	1
Acetone	ND		10		ug/L			05/27/14 19:46	1
Benzene	ND		1.0		ug/L			05/27/14 19:46	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 19:46	1
Chloroethane	ND		1.0		ug/L			05/27/14 19:46	1
<b>cis-1,2-Dichloroethene</b>	<b>17</b>		1.0		ug/L			05/27/14 19:46	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 19:46	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 19:46	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 19:46	1
Toluene	ND		1.0		ug/L			05/27/14 19:46	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 19:46	1
<b>Trichloroethene</b>	<b>7.1</b>		1.0		ug/L			05/27/14 19:46	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 19:46	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 19:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		05/27/14 19:46	1
4-Bromofluorobenzene (Surr)	79		66 - 120		05/27/14 19:46	1
Toluene-d8 (Surr)	85		74 - 120		05/27/14 19:46	1
Dibromofluoromethane (Surr)	97		75 - 121		05/27/14 19:46	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

**Client Sample ID: VP-112-051514**

**Lab Sample ID: 240-37489-9**

**Date Collected: 05/15/14 08:45**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 20:08	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 20:08	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 20:08	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 20:08	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 20:08	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 20:08	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 20:08	1
Acetone	ND		10		ug/L			05/27/14 20:08	1
Benzene	ND		1.0		ug/L			05/27/14 20:08	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 20:08	1
Chloroethane	ND		1.0		ug/L			05/27/14 20:08	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 20:08	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 20:08	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 20:08	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 20:08	1
Toluene	ND		1.0		ug/L			05/27/14 20:08	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 20:08	1
Trichloroethene	ND		1.0		ug/L			05/27/14 20:08	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 20:08	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 20:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		05/27/14 20:08	1
4-Bromofluorobenzene (Surr)	78		66 - 120		05/27/14 20:08	1
Toluene-d8 (Surr)	83		74 - 120		05/27/14 20:08	1
Dibromofluoromethane (Surr)	96		75 - 121		05/27/14 20:08	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

**Client Sample ID: VP-114-051514**

**Lab Sample ID: 240-37489-10**

**Date Collected: 05/15/14 08:50**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/14 22:03	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/14 22:03	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/14 22:03	1
1,1-Dichloroethene	ND		1.0		ug/L			05/24/14 22:03	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/24/14 22:03	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/14 22:03	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/14 22:03	1
Acetone	ND		10		ug/L			05/24/14 22:03	1
Benzene	ND		1.0		ug/L			05/24/14 22:03	1
Carbon disulfide	ND		1.0		ug/L			05/24/14 22:03	1
Chloroethane	ND		1.0		ug/L			05/24/14 22:03	1
<b>cis-1,2-Dichloroethene</b>	<b>3.5</b>		1.0		ug/L			05/24/14 22:03	1
Ethylbenzene	ND		1.0		ug/L			05/24/14 22:03	1
Methylene Chloride	ND		1.0		ug/L			05/24/14 22:03	1
Tetrachloroethene	ND		1.0		ug/L			05/24/14 22:03	1
Toluene	ND		1.0		ug/L			05/24/14 22:03	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/24/14 22:03	1
<b>Trichloroethene</b>	<b>3.2</b>		1.0		ug/L			05/24/14 22:03	1
Vinyl chloride	ND		1.0		ug/L			05/24/14 22:03	1
Xylenes, Total	ND		2.0		ug/L			05/24/14 22:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		63 - 129		05/24/14 22:03	1
4-Bromofluorobenzene (Surr)	89		66 - 120		05/24/14 22:03	1
Toluene-d8 (Surr)	90		74 - 120		05/24/14 22:03	1
Dibromofluoromethane (Surr)	105		75 - 121		05/24/14 22:03	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

**Client Sample ID: MW-48-2014-SR**

**Lab Sample ID: 240-37489-11**

**Date Collected: 05/15/14 10:15**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		130		ug/L			05/24/14 01:57	133.33
1,1-Dichloroethene	ND		130		ug/L			05/24/14 01:57	133.33
1,2-Dichloroethane	ND		130		ug/L			05/24/14 01:57	133.33
Benzene	ND		130		ug/L			05/24/14 01:57	133.33
<b>cis-1,2-Dichloroethene</b>	<b>2500</b>		130		ug/L			05/24/14 01:57	133.33
Tetrachloroethene	ND		130		ug/L			05/24/14 01:57	133.33
Toluene	ND		130		ug/L			05/24/14 01:57	133.33
<b>Trichloroethene</b>	<b>8300</b>		130		ug/L			05/24/14 01:57	133.33
<b>Vinyl chloride</b>	<b>290</b>		130		ug/L			05/24/14 01:57	133.33
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	90		63 - 129					05/24/14 01:57	133.33
4-Bromofluorobenzene (Surr)	77		66 - 120					05/24/14 01:57	133.33
Toluene-d8 (Surr)	92		74 - 120					05/24/14 01:57	133.33
Dibromofluoromethane (Surr)	95		75 - 121					05/24/14 01:57	133.33

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

**Client Sample ID: MW-47-2014-SR**

**Lab Sample ID: 240-37489-12**

**Date Collected: 05/15/14 10:45**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.4		ug/L			05/27/14 20:31	1.43
1,1-Dichloroethene	ND		1.4		ug/L			05/27/14 20:31	1.43
1,2-Dichloroethane	ND		1.4		ug/L			05/27/14 20:31	1.43
Benzene	ND		1.4		ug/L			05/27/14 20:31	1.43
<b>cis-1,2-Dichloroethene</b>	<b>34</b>		1.4		ug/L			05/27/14 20:31	1.43
Tetrachloroethene	ND		1.4		ug/L			05/27/14 20:31	1.43
Toluene	ND		1.4		ug/L			05/27/14 20:31	1.43
<b>Trichloroethene</b>	<b>5.6</b>		1.4		ug/L			05/27/14 20:31	1.43
<b>Vinyl chloride</b>	<b>15</b>		1.4		ug/L			05/27/14 20:31	1.43
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	99		63 - 129					05/27/14 20:31	1.43
4-Bromofluorobenzene (Surr)	79		66 - 120					05/27/14 20:31	1.43
Toluene-d8 (Surr)	85		74 - 120					05/27/14 20:31	1.43
Dibromofluoromethane (Surr)	99		75 - 121					05/27/14 20:31	1.43

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

**Client Sample ID: TB-701-2014SR**

**Lab Sample ID: 240-37489-13**

**Date Collected: 05/15/14 00:00**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/28/14 18:45	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/28/14 18:45	1
1,1-Dichloroethane	ND		1.0		ug/L			05/28/14 18:45	1
1,1-Dichloroethene	ND		1.0		ug/L			05/28/14 18:45	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/28/14 18:45	1
1,2-Dichloroethane	ND		1.0		ug/L			05/28/14 18:45	1
1,2-Dichloropropane	ND		1.0		ug/L			05/28/14 18:45	1
Acetone	ND		10		ug/L			05/28/14 18:45	1
Benzene	ND		1.0		ug/L			05/28/14 18:45	1
Carbon disulfide	ND		1.0		ug/L			05/28/14 18:45	1
Chloroethane	ND		1.0		ug/L			05/28/14 18:45	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/28/14 18:45	1
Ethylbenzene	ND		1.0		ug/L			05/28/14 18:45	1
Methylene Chloride	ND		1.0		ug/L			05/28/14 18:45	1
Tetrachloroethene	ND		1.0		ug/L			05/28/14 18:45	1
Toluene	ND		1.0		ug/L			05/28/14 18:45	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/28/14 18:45	1
Trichloroethene	ND		1.0		ug/L			05/28/14 18:45	1
Vinyl chloride	ND		1.0		ug/L			05/28/14 18:45	1
Xylenes, Total	ND		2.0		ug/L			05/28/14 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		05/28/14 18:45	1
4-Bromofluorobenzene (Surr)	75		66 - 120		05/28/14 18:45	1
Toluene-d8 (Surr)	84		74 - 120		05/28/14 18:45	1
Dibromofluoromethane (Surr)	97		75 - 121		05/28/14 18:45	1

# Surrogate Summary

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-120)	TOL (74-120)	DBFM (75-121)
240-37489-1	EB-601-051514	97	75	82	94
240-37489-2	FD-601-051514	89	77	91	98
240-37489-3	VP-101-051514	90	73	93	95
240-37489-4	VP-103-051514	96	81	84	93
240-37489-5	VP-108-051514	100	80	83	98
240-37489-6	VP-107-051514	102	81	82	98
240-37489-7	VP-110-051514	98	79	85	98
240-37489-8	VP-106-051514	101	79	85	97
240-37489-9	VP-112-051514	102	78	83	96
240-37489-10	VP-114-051514	122	89	90	105
240-37489-10 MS	VP-114-051514	110	99	99	99
240-37489-10 MSD	VP-114-051514	110	98	97	98
240-37489-11	MW-48-2014-SR	90	77	92	95
240-37489-12	MW-47-2014-SR	99	79	85	99
240-37489-13	TB-701-2014SR	98	75	84	97
LCS 240-131760/4	Lab Control Sample	91	76	91	95
LCS 240-131939/3	Lab Control Sample	97	83	100	109
LCS 240-131983/4	Lab Control Sample	108	97	97	100
LCS 240-132099/4	Lab Control Sample	91	91	90	92
LCS 240-132266/4	Lab Control Sample	92	88	89	94
MB 240-131760/6	Method Blank	88	79	89	95
MB 240-131939/5	Method Blank	88	76	96	91
MB 240-131983/6	Method Blank	118	86	94	101
MB 240-132099/5	Method Blank	96	81	83	94
MB 240-132266/5	Method Blank	101	76	81	93

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-131760/6**

**Matrix: Water**

**Analysis Batch: 131760**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/22/14 23:31	1
1,1-Dichloroethane	ND		1.0		ug/L			05/22/14 23:31	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/22/14 23:31	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/22/14 23:31	1
1,1-Dichloroethene	ND		1.0		ug/L			05/22/14 23:31	1
1,2-Dichloroethane	ND		1.0		ug/L			05/22/14 23:31	1
1,2-Dichloropropane	ND		1.0		ug/L			05/22/14 23:31	1
Acetone	ND		10		ug/L			05/22/14 23:31	1
Benzene	ND		1.0		ug/L			05/22/14 23:31	1
Carbon disulfide	1.78		1.0		ug/L			05/22/14 23:31	1
Chloroethane	ND		1.0		ug/L			05/22/14 23:31	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/22/14 23:31	1
Ethylbenzene	ND		1.0		ug/L			05/22/14 23:31	1
Methylene Chloride	ND		1.0		ug/L			05/22/14 23:31	1
Tetrachloroethene	ND		1.0		ug/L			05/22/14 23:31	1
Toluene	ND		1.0		ug/L			05/22/14 23:31	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/22/14 23:31	1
Trichloroethene	ND		1.0		ug/L			05/22/14 23:31	1
Vinyl chloride	ND		1.0		ug/L			05/22/14 23:31	1
Xylenes, Total	ND		2.0		ug/L			05/22/14 23:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		05/22/14 23:31	1
4-Bromofluorobenzene (Surr)	79		66 - 120		05/22/14 23:31	1
Toluene-d8 (Surr)	89		74 - 120		05/22/14 23:31	1
Dibromofluoromethane (Surr)	95		75 - 121		05/22/14 23:31	1

**Lab Sample ID: LCS 240-131760/4**

**Matrix: Water**

**Analysis Batch: 131760**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.3		ug/L		93	74 - 120
1,1-Dichloroethane	25.0	25.1		ug/L		100	80 - 120
1,1,2-Trichloroethane	25.0	22.4		ug/L		89	80 - 120
1,2,4-Trimethylbenzene	25.0	20.6		ug/L		82	76 - 120
1,1-Dichloroethene	25.0	24.2		ug/L		97	78 - 131
1,2-Dichloroethane	25.0	25.8		ug/L		103	71 - 127
1,2-Dichloropropane	25.0	24.7		ug/L		99	80 - 120
Acetone	50.0	53.5		ug/L		107	43 - 136
Benzene	25.0	23.8		ug/L		95	80 - 120
Carbon disulfide	25.0	24.8		ug/L		99	62 - 142
Chloroethane	25.0	20.7		ug/L		83	25 - 153
cis-1,2-Dichloroethene	25.0	24.0		ug/L		96	80 - 120
Ethylbenzene	25.0	21.8		ug/L		87	80 - 120
Methylene Chloride	25.0	23.1		ug/L		93	66 - 131
Tetrachloroethene	25.0	23.5		ug/L		94	79 - 120
Toluene	25.0	21.8		ug/L		87	80 - 120

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131760/4**

**Matrix: Water**

**Analysis Batch: 131760**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	80 - 120
Trichloroethene	25.0	26.4		ug/L		105	76 - 120
Vinyl chloride	25.0	19.6		ug/L		79	53 - 127
Xylenes, Total	50.0	42.9		ug/L		86	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
4-Bromofluorobenzene (Surr)	76		66 - 120
Toluene-d8 (Surr)	91		74 - 120
Dibromofluoromethane (Surr)	95		75 - 121

**Lab Sample ID: MB 240-131939/5**

**Matrix: Water**

**Analysis Batch: 131939**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/23/14 17:23	1
1,1-Dichloroethene	ND		1.0		ug/L			05/23/14 17:23	1
1,2-Dichloroethane	ND		1.0		ug/L			05/23/14 17:23	1
Benzene	ND		1.0		ug/L			05/23/14 17:23	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/23/14 17:23	1
Tetrachloroethene	ND		1.0		ug/L			05/23/14 17:23	1
Toluene	ND		1.0		ug/L			05/23/14 17:23	1
Trichloroethene	ND		1.0		ug/L			05/23/14 17:23	1
Vinyl chloride	ND		1.0		ug/L			05/23/14 17:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		05/23/14 17:23	1
4-Bromofluorobenzene (Surr)	76		66 - 120		05/23/14 17:23	1
Toluene-d8 (Surr)	96		74 - 120		05/23/14 17:23	1
Dibromofluoromethane (Surr)	91		75 - 121		05/23/14 17:23	1

**Lab Sample ID: LCS 240-131939/3**

**Matrix: Water**

**Analysis Batch: 131939**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	25.0	23.2		ug/L		93	80 - 120
1,1-Dichloroethene	25.0	28.6		ug/L		115	78 - 131
1,2-Dichloroethane	25.0	27.1		ug/L		108	71 - 127
Benzene	25.0	26.5		ug/L		106	80 - 120
cis-1,2-Dichloroethene	25.0	27.9		ug/L		112	80 - 120
Tetrachloroethene	25.0	27.2		ug/L		109	79 - 120
Toluene	25.0	23.9		ug/L		96	80 - 120
Trichloroethene	25.0	29.5		ug/L		118	76 - 120
Vinyl chloride	25.0	25.6		ug/L		102	53 - 127

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131939/3**

**Matrix: Water**

**Analysis Batch: 131939**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		63 - 129
4-Bromofluorobenzene (Surr)	83		66 - 120
Toluene-d8 (Surr)	100		74 - 120
Dibromofluoromethane (Surr)	109		75 - 121

**Lab Sample ID: MB 240-131983/6**

**Matrix: Water**

**Analysis Batch: 131983**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/14 14:29	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/14 14:29	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/14 14:29	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/24/14 14:29	1
1,1-Dichloroethene	ND		1.0		ug/L			05/24/14 14:29	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/14 14:29	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/14 14:29	1
Acetone	ND		10		ug/L			05/24/14 14:29	1
Benzene	ND		1.0		ug/L			05/24/14 14:29	1
Carbon disulfide	ND		1.0		ug/L			05/24/14 14:29	1
Chloroethane	ND		1.0		ug/L			05/24/14 14:29	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/24/14 14:29	1
Ethylbenzene	ND		1.0		ug/L			05/24/14 14:29	1
Methylene Chloride	ND		1.0		ug/L			05/24/14 14:29	1
Tetrachloroethene	ND		1.0		ug/L			05/24/14 14:29	1
Toluene	ND		1.0		ug/L			05/24/14 14:29	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/24/14 14:29	1
Trichloroethene	ND		1.0		ug/L			05/24/14 14:29	1
Vinyl chloride	ND		1.0		ug/L			05/24/14 14:29	1
Xylenes, Total	ND		2.0		ug/L			05/24/14 14:29	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	118		63 - 129		05/24/14 14:29	1
4-Bromofluorobenzene (Surr)	86		66 - 120		05/24/14 14:29	1
Toluene-d8 (Surr)	94		74 - 120		05/24/14 14:29	1
Dibromofluoromethane (Surr)	101		75 - 121		05/24/14 14:29	1

**Lab Sample ID: LCS 240-131983/4**

**Matrix: Water**

**Analysis Batch: 131983**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1-Trichloroethane	10.0	11.2		ug/L		112	74 - 120
1,1-Dichloroethane	10.0	10.8		ug/L		108	80 - 120
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	80 - 120
1,2,4-Trimethylbenzene	10.0	10.0		ug/L		100	76 - 120
1,1-Dichloroethene	10.0	10.5		ug/L		105	78 - 131
1,2-Dichloroethane	10.0	11.5		ug/L		115	71 - 127

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131983/4**

**Matrix: Water**

**Analysis Batch: 131983**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	10.0	10.5		ug/L		105	80 - 120
Acetone	20.0	26.7		ug/L		133	43 - 136
Benzene	10.0	10.0		ug/L		100	80 - 120
Carbon disulfide	10.0	11.2		ug/L		112	62 - 142
Chloroethane	10.0	6.42		ug/L		64	25 - 153
cis-1,2-Dichloroethene	10.0	9.32		ug/L		93	80 - 120
Ethylbenzene	10.0	9.84		ug/L		98	80 - 120
Methylene Chloride	10.0	9.72		ug/L		97	66 - 131
Tetrachloroethene	10.0	9.48		ug/L		95	79 - 120
Toluene	10.0	10.2		ug/L		102	80 - 120
trans-1,2-Dichloroethene	10.0	10.1		ug/L		101	80 - 120
Trichloroethene	10.0	9.51		ug/L		95	76 - 120
Vinyl chloride	10.0	10.3		ug/L		103	53 - 127
Xylenes, Total	20.0	19.9		ug/L		99	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		63 - 129
4-Bromofluorobenzene (Surr)	97		66 - 120
Toluene-d8 (Surr)	97		74 - 120
Dibromofluoromethane (Surr)	100		75 - 121

**Lab Sample ID: 240-37489-10 MS**

**Matrix: Water**

**Analysis Batch: 131983**

**Client Sample ID: VP-114-051514**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		10.0	11.3		ug/L		113	68 - 121
1,1,2-Trichloroethane	ND		10.0	10.4		ug/L		104	75 - 120
1,1-Dichloroethane	ND		10.0	11.0		ug/L		110	79 - 120
1,1-Dichloroethene	ND		10.0	10.1		ug/L		101	74 - 135
1,2,4-Trimethylbenzene	ND		10.0	7.49		ug/L		75	67 - 124
1,2-Dichloroethane	ND		10.0	12.0		ug/L		120	68 - 129
1,2-Dichloropropane	ND		10.0	10.7		ug/L		107	78 - 120
Acetone	ND		20.0	26.1		ug/L		121	33 - 145
Benzene	ND		10.0	10.1		ug/L		101	72 - 121
Carbon disulfide	ND		10.0	10.9		ug/L		108	57 - 147
Chloroethane	ND		10.0	8.92		ug/L		89	21 - 165
cis-1,2-Dichloroethene	3.5		10.0	11.9		ug/L		84	70 - 120
Ethylbenzene	ND		10.0	9.00		ug/L		90	75 - 120
Methylene Chloride	ND		10.0	9.97		ug/L		100	63 - 128
Tetrachloroethene	ND		10.0	8.39		ug/L		84	70 - 120
Toluene	ND		10.0	10.0		ug/L		100	78 - 120
trans-1,2-Dichloroethene	ND		10.0	10.2		ug/L		102	80 - 120
Trichloroethene	3.2		10.0	11.1		ug/L		79	66 - 120
Vinyl chloride	ND		10.0	9.79		ug/L		98	49 - 130
Xylenes, Total	ND		20.0	17.6		ug/L		88	76 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-37489-10 MS**

**Matrix: Water**

**Analysis Batch: 131983**

**Client Sample ID: VP-114-051514**

**Prep Type: Total/NA**

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	110		63 - 129
4-Bromofluorobenzene (Surr)	99		66 - 120
Toluene-d8 (Surr)	99		74 - 120
Dibromofluoromethane (Surr)	99		75 - 121

**Lab Sample ID: 240-37489-10 MSD**

**Matrix: Water**

**Analysis Batch: 131983**

**Client Sample ID: VP-114-051514**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
				Result	Qualifier						
1,1,1-Trichloroethane	ND		10.0	11.3		ug/L		113	68 - 121	0	30
1,1,2-Trichloroethane	ND		10.0	10.3		ug/L		103	75 - 120	1	30
1,1-Dichloroethane	ND		10.0	11.1		ug/L		111	79 - 120	1	30
1,1-Dichloroethene	ND		10.0	10.3		ug/L		103	74 - 135	2	30
1,2,4-Trimethylbenzene	ND		10.0	7.26		ug/L		73	67 - 124	3	30
1,2-Dichloroethane	ND		10.0	12.0		ug/L		120	68 - 129	0	30
1,2-Dichloropropane	ND		10.0	10.6		ug/L		106	78 - 120	1	30
Acetone	ND		20.0	28.6		ug/L		133	33 - 145	9	30
Benzene	ND		10.0	10.1		ug/L		101	72 - 121	0	30
Carbon disulfide	ND		10.0	10.8		ug/L		107	57 - 147	1	30
Chloroethane	ND		10.0	6.95		ug/L		69	21 - 165	25	30
cis-1,2-Dichloroethene	3.5		10.0	13.3		ug/L		98	70 - 120	11	30
Ethylbenzene	ND		10.0	8.84		ug/L		88	75 - 120	2	30
Methylene Chloride	ND		10.0	10.1		ug/L		101	63 - 128	2	30
Tetrachloroethene	ND		10.0	8.35		ug/L		83	70 - 120	0	30
Toluene	ND		10.0	9.63		ug/L		96	78 - 120	4	30
trans-1,2-Dichloroethene	ND		10.0	10.3		ug/L		103	80 - 120	1	30
Trichloroethene	3.2		10.0	12.1		ug/L		89	66 - 120	9	30
Vinyl chloride	ND		10.0	10.1		ug/L		101	49 - 130	4	30
Xylenes, Total	ND		20.0	17.0		ug/L		85	76 - 120	4	30

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	110		63 - 129
4-Bromofluorobenzene (Surr)	98		66 - 120
Toluene-d8 (Surr)	97		74 - 120
Dibromofluoromethane (Surr)	98		75 - 121

**Lab Sample ID: MB 240-132099/5**

**Matrix: Water**

**Analysis Batch: 132099**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 11:34	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 11:34	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 11:34	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 11:34	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 11:34	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 11:34	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-132099/5

Matrix: Water

Analysis Batch: 132099

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 11:34	1
Acetone	ND		10		ug/L			05/27/14 11:34	1
Benzene	ND		1.0		ug/L			05/27/14 11:34	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 11:34	1
Chloroethane	ND		1.0		ug/L			05/27/14 11:34	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 11:34	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 11:34	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 11:34	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 11:34	1
Toluene	ND		1.0		ug/L			05/27/14 11:34	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 11:34	1
Trichloroethene	ND		1.0		ug/L			05/27/14 11:34	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 11:34	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 11:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		63 - 129		05/27/14 11:34	1
4-Bromofluorobenzene (Surr)	81		66 - 120		05/27/14 11:34	1
Toluene-d8 (Surr)	83		74 - 120		05/27/14 11:34	1
Dibromofluoromethane (Surr)	94		75 - 121		05/27/14 11:34	1

Lab Sample ID: LCS 240-132099/4

Matrix: Water

Analysis Batch: 132099

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.37		ug/L		94	74 - 120
1,1-Dichloroethane	10.0	9.48		ug/L		95	80 - 120
1,1,2-Trichloroethane	10.0	9.98		ug/L		100	80 - 120
1,2,4-Trimethylbenzene	10.0	8.87		ug/L		89	76 - 120
1,1-Dichloroethene	10.0	9.24		ug/L		92	78 - 131
1,2-Dichloroethane	10.0	10.3		ug/L		103	71 - 127
1,2-Dichloropropane	10.0	9.40		ug/L		94	80 - 120
Acetone	20.0	14.6		ug/L		73	43 - 136
Benzene	10.0	9.44		ug/L		94	80 - 120
Carbon disulfide	10.0	8.92		ug/L		89	62 - 142
Chloroethane	10.0	14.4		ug/L		144	25 - 153
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	80 - 120
Ethylbenzene	10.0	10.5		ug/L		105	80 - 120
Methylene Chloride	10.0	10.2		ug/L		102	66 - 131
Tetrachloroethene	10.0	10.7		ug/L		107	79 - 120
Toluene	10.0	9.96		ug/L		100	80 - 120
trans-1,2-Dichloroethene	10.0	10.2		ug/L		102	80 - 120
Trichloroethene	10.0	10.7		ug/L		107	76 - 120
Vinyl chloride	10.0	8.86		ug/L		89	53 - 127
Xylenes, Total	20.0	20.2		ug/L		101	80 - 120

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-132099/4**

**Matrix: Water**

**Analysis Batch: 132099**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
4-Bromofluorobenzene (Surr)	91		66 - 120
Toluene-d8 (Surr)	90		74 - 120
Dibromofluoromethane (Surr)	92		75 - 121

**Lab Sample ID: MB 240-132266/5**

**Matrix: Water**

**Analysis Batch: 132266**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0		ug/L			05/28/14 10:33	1
1,1-Dichloroethane	ND		1.0		ug/L			05/28/14 10:33	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/28/14 10:33	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/28/14 10:33	1
1,1-Dichloroethene	ND		1.0		ug/L			05/28/14 10:33	1
1,2-Dichloroethane	ND		1.0		ug/L			05/28/14 10:33	1
1,2-Dichloropropane	ND		1.0		ug/L			05/28/14 10:33	1
Acetone	ND		10		ug/L			05/28/14 10:33	1
Benzene	ND		1.0		ug/L			05/28/14 10:33	1
Carbon disulfide	ND		1.0		ug/L			05/28/14 10:33	1
Chloroethane	ND		1.0		ug/L			05/28/14 10:33	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/28/14 10:33	1
Ethylbenzene	ND		1.0		ug/L			05/28/14 10:33	1
Methylene Chloride	ND		1.0		ug/L			05/28/14 10:33	1
Tetrachloroethene	ND		1.0		ug/L			05/28/14 10:33	1
Toluene	ND		1.0		ug/L			05/28/14 10:33	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/28/14 10:33	1
Trichloroethene	ND		1.0		ug/L			05/28/14 10:33	1
Vinyl chloride	ND		1.0		ug/L			05/28/14 10:33	1
Xylenes, Total	ND		2.0		ug/L			05/28/14 10:33	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		05/28/14 10:33	1
4-Bromofluorobenzene (Surr)	76		66 - 120		05/28/14 10:33	1
Toluene-d8 (Surr)	81		74 - 120		05/28/14 10:33	1
Dibromofluoromethane (Surr)	93		75 - 121		05/28/14 10:33	1

**Lab Sample ID: LCS 240-132266/4**

**Matrix: Water**

**Analysis Batch: 132266**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1-Trichloroethane	10.0	9.27		ug/L		93	74 - 120
1,1-Dichloroethane	10.0	9.78		ug/L		98	80 - 120
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	80 - 120
1,2,4-Trimethylbenzene	10.0	9.40		ug/L		94	76 - 120
1,1-Dichloroethene	10.0	9.83		ug/L		98	78 - 131
1,2-Dichloroethane	10.0	10.9		ug/L		109	71 - 127

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-132266/4**

**Matrix: Water**

**Analysis Batch: 132266**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec. Limits
	Added	Result	Qualifier				
1,2-Dichloropropane	10.0	9.59		ug/L		96	80 - 120
Acetone	20.0	14.2		ug/L		71	43 - 136
Benzene	10.0	9.72		ug/L		97	80 - 120
Carbon disulfide	10.0	9.01		ug/L		90	62 - 142
Chloroethane	10.0	13.3		ug/L		133	25 - 153
cis-1,2-Dichloroethene	10.0	10.2		ug/L		102	80 - 120
Ethylbenzene	10.0	10.5		ug/L		105	80 - 120
Methylene Chloride	10.0	10.6		ug/L		106	66 - 131
Tetrachloroethene	10.0	10.9		ug/L		109	79 - 120
Toluene	10.0	10.4		ug/L		104	80 - 120
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 120
Trichloroethene	10.0	10.8		ug/L		108	76 - 120
Vinyl chloride	10.0	9.16		ug/L		92	53 - 127
Xylenes, Total	20.0	20.1		ug/L		100	80 - 120

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	92		63 - 129
4-Bromofluorobenzene (Surr)	88		66 - 120
Toluene-d8 (Surr)	89		74 - 120
Dibromofluoromethane (Surr)	94		75 - 121

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

## GC/MS VOA

### Analysis Batch: 131760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37489-2	FD-601-051514	Total/NA	Water	8260B	
240-37489-3	VP-101-051514	Total/NA	Water	8260B	
LCS 240-131760/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131760/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37489-11	MW-48-2014-SR	Total/NA	Water	8260B	
LCS 240-131939/3	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131939/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37489-10	VP-114-051514	Total/NA	Water	8260B	
240-37489-10 MS	VP-114-051514	Total/NA	Water	8260B	
240-37489-10 MSD	VP-114-051514	Total/NA	Water	8260B	
LCS 240-131983/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131983/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 132099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37489-1	EB-601-051514	Total/NA	Water	8260B	
240-37489-4	VP-103-051514	Total/NA	Water	8260B	
240-37489-5	VP-108-051514	Total/NA	Water	8260B	
240-37489-6	VP-107-051514	Total/NA	Water	8260B	
240-37489-7	VP-110-051514	Total/NA	Water	8260B	
240-37489-8	VP-106-051514	Total/NA	Water	8260B	
240-37489-9	VP-112-051514	Total/NA	Water	8260B	
240-37489-12	MW-47-2014-SR	Total/NA	Water	8260B	
LCS 240-132099/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-132099/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 132266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37489-13	TB-701-2014SR	Total/NA	Water	8260B	
LCS 240-132266/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-132266/5	Method Blank	Total/NA	Water	8260B	

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

**Client Sample ID: EB-601-051514**

**Lab Sample ID: 240-37489-1**

Date Collected: 05/15/14 07:30

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 17:54	LEE	TAL CAN

**Client Sample ID: FD-601-051514**

**Lab Sample ID: 240-37489-2**

Date Collected: 05/15/14 07:15

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		66.67	131760	05/23/14 06:11	RJQ	TAL CAN

**Client Sample ID: VP-101-051514**

**Lab Sample ID: 240-37489-3**

Date Collected: 05/15/14 07:45

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		66.67	131760	05/23/14 06:33	RJQ	TAL CAN

**Client Sample ID: VP-103-051514**

**Lab Sample ID: 240-37489-4**

Date Collected: 05/15/14 08:00

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	132099	05/27/14 18:16	LEE	TAL CAN

**Client Sample ID: VP-108-051514**

**Lab Sample ID: 240-37489-5**

Date Collected: 05/15/14 08:15

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 18:38	LEE	TAL CAN

**Client Sample ID: VP-107-051514**

**Lab Sample ID: 240-37489-6**

Date Collected: 05/15/14 08:20

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 19:01	LEE	TAL CAN

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

**Client Sample ID: VP-110-051514**

**Lab Sample ID: 240-37489-7**

Date Collected: 05/15/14 08:25

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 19:23	LEE	TAL CAN

**Client Sample ID: VP-106-051514**

**Lab Sample ID: 240-37489-8**

Date Collected: 05/15/14 08:35

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 19:46	LEE	TAL CAN

**Client Sample ID: VP-112-051514**

**Lab Sample ID: 240-37489-9**

Date Collected: 05/15/14 08:45

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 20:08	LEE	TAL CAN

**Client Sample ID: VP-114-051514**

**Lab Sample ID: 240-37489-10**

Date Collected: 05/15/14 08:50

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131983	05/24/14 22:03	LRW	TAL CAN

**Client Sample ID: MW-48-2014-SR**

**Lab Sample ID: 240-37489-11**

Date Collected: 05/15/14 10:15

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		133.33	131939	05/24/14 01:57	RJQ	TAL CAN

**Client Sample ID: MW-47-2014-SR**

**Lab Sample ID: 240-37489-12**

Date Collected: 05/15/14 10:45

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.43	132099	05/27/14 20:31	LEE	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

**Client Sample ID: TB-701-2014SR**

**Lab Sample ID: 240-37489-13**

**Date Collected: 05/15/14 00:00**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132266	05/28/14 18:45	LEE	TAL CAN

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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# Certification Summary

Client: T&M Associates  
 Project/Site: MERT-00090

TestAmerica Job ID: 240-37489-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-14 *
Georgia	State Program	4	N/A	06-30-14 *
Illinois	NELAP	5	200004	07-31-14 *
Kansas	NELAP	7	E-10336	01-31-15
Kentucky (UST)	State Program	4	58	06-30-14 *
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-14 *
New Jersey	NELAP	2	OH001	06-30-14 *
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14 *
Texas	NELAP	6		08-31-14
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-14 *

\* Certification renewal pending - certification considered valid.

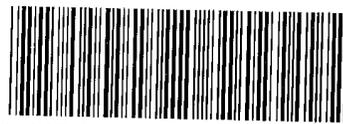


**TestAmerica**

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

# CHAIN OF CUSTODY AND RECEIVING DOCUMENTS



240-37489 Chain of Custody



Chain of Custody Record  
North Canton

1.4

TestAmerica Laboratory location: \_\_\_\_\_  
Regulatory program:  DW  NPDES  RCRA  Other \_\_\_\_\_

Client Contact Company Name: <b>T+M Associates</b> Address: <b>4675 Lakehurst Ct. Suite 250</b> City/State/Zip: <b>Columbus, OH 43016</b> Phone: <b>614-339-3380</b> Project Name: <b>MERITOR - GRENADA</b> Project Number: <b>MERT-00090</b> P.O.#		Client Project Manager: Name: <b>Jim Peeples</b> Telephone: <b>614-288-7201</b> Email: <b>JPeeples@tamassociates.com</b> Method of Shipment/Carrier: <b>Fed Ex</b> Shipping/Tracking No:		Site Contact: Name: <b>Gordon Parish</b> Telephone: <b>614-406-1358</b> Analysis Turnaround Time (BUSY days): <input type="checkbox"/> 3 weeks <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day TAT if different from below: _____		Lab Contact: Name: <b>Josh McKinney</b> Telephone: <b>937-294-6856</b> Walk-in client: <input type="checkbox"/> Lab pickup: <input type="checkbox"/> Lab sampling: <input type="checkbox"/> Job/SDG No:		COC No: <b>060004</b> 1 of 1 COCs	
Sample Identification		Matrix: Aqueous <input type="checkbox"/> Solid <input type="checkbox"/> Other: _____ Containers & Preservatives: H2SO4 <input type="checkbox"/> HNO3 <input type="checkbox"/> HCl <input type="checkbox"/> NaOH <input type="checkbox"/> ZnAc <input type="checkbox"/> Unpres <input type="checkbox"/> Other: _____		Filtered Sample (Y/N)		Composites (C/Grab/G)		Analyses	
Sample Date		Sample Time		Sample ID		Sample Type		Sample Specific Notes / Special Instructions:	
5/15/14		0730		3		N		List 1 VOCs (8260B)	
5/15/14		0715		3		N		List 2 VOCs (8260B)	
5/15/14		0745		3		N			
5/15/14		0800		3		N			
5/15/14		0815		3		N			
5/15/14		0820		3		N			
5/15/14		0825		3		N			
5/15/14		0835		3		N			
5/15/14		0845		3		N			
5/15/14		0850		3		N			
5/15/14		1015		3		N			
5/15/14		1045		3		N			
5/15/14		no time		2		N			
Special Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		Received by: <i>Debra May</i>		Company: <i>TA-Center</i>		Date/Time: <i>5-17-14</i>	
Relinquished by: <i>Tom Page</i>		Company: <i>T+M Associates</i>		Date/Time: <i>5/16/14</i>		Sample ID: <i>1030</i>		Company: _____	
Relinquished by: _____		Company: _____		Date/Time: _____		Sample ID: _____		Company: _____	
Relinquished by: _____		Company: _____		Date/Time: _____		Sample ID: _____		Company: _____	



TestAmerica Canton Sample Receipt Form/Narrative

Login #: 37489

Canton Facility

Client T & M Associates Site Name

Cooler unpacked by: Robert Meyer

Cooler Received on 5-17-14 Opened on 5-17-14

FedEx: 1st Grd (X) UPS FAS Stetson Client Drop Off TestAmerica Courier Other

TestAmerica Cooler # Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

- 1. Cooler temperature upon receipt
IR GUN# A (CF +0 °C) Observed Cooler Temp. 1.4 °C Corrected Cooler Temp. 1.4 °C
IR GUN# 4 (CF -1 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C
IR GUN# 5 (CF +1 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C
IR GUN# 8 (CF +1 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity / Yes No
-Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
-Were custody seals on the bottle(s)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Did all bottles arrive in good condition (Unbroken)? Yes No
7. Could all bottle labels be reconciled with the COC? Yes No
8. Were correct bottle(s) used for the test(s) indicated? Yes No
9. Sufficient quantity received to perform indicated analyses? Yes No
10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC302587
11. Were VOAs on the COC? Yes No
12. Were air bubbles >6 mm in any VOA vials? Yes No NA
13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM Date by via Verbal Voice Mail Other Concerning

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES
Samples processed by: [Signature]

15. SAMPLE CONDITION
Sample(s) were received after the recommended holding time had expired.
Sample(s) were received in a broken container.
Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION
Sample(s) were further preserved in the laboratory.
Time preserved: Preservative(s) added/Lot number(s):

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton  
4101 Shuffel Street NW  
North Canton, OH 44720  
Tel: (330)497-9396

TestAmerica Job ID: 240-36960-1  
Client Project/Site: MERT-00070 Grenada

For:  
T&M Associates  
4675 Lakehurst Court  
Suite 250  
Columbus, Ohio 43016

Attn: Jim Peeples



Authorized for release by:  
6/3/2014 5:06:45 PM

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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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# Definitions/Glossary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

### General Chemistry

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
H	Sample was prepped or analyzed beyond the specified holding time
F1	MS and/or MSD Recovery exceeds the control limits

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

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## Job ID: 240-36960-1

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### Laboratory: TestAmerica Canton

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#### Narrative

#### Job Narrative 240-36960-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/7/2014 11:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.8° C and 3.6° C.

#### GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### General Chemistry

Method(s) 7196A: The following samples were received with less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: FD-01-2014-S (240-36960-4), MW-58-2014-S (240-36960-2), MW-59-2014-S (240-36960-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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#### Narrative

#### Job Narrative 240-37050-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/8/2014 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8° C.

#### GC/MS VOA

Method(s) 8260B: The following sample(s) was unable to be prepared and/or analyzed because the sample vials were broken due to freezing while stored in MSV refrigerator : MW-47-2014-S (240-37050-3), MW-48-2014-S (240-37050-4). Samples to be re-collected by client.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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#### Narrative

#### Job Narrative

# Case Narrative

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

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## Job ID: 240-36960-1 (Continued)

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### Laboratory: TestAmerica Canton (Continued)

240-37110-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/9/2014 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.0° C.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Narrative

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#### Job Narrative

240-37135-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/9/2014 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.2° C.

#### GC/MS Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Narrative

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#### Job Narrative

240-37154-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/9/2014 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4° C.

#### GC/MS VOA

Method(s) 8260B: The laboratory control sample (LCS) for batch <<131335>> recovered outside control limits for the following analyte(s): <<Chloroethane>>. Chloroethane has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### VOA Prep

# Case Narrative

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

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## Job ID: 240-36960-1 (Continued)

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### Laboratory: TestAmerica Canton (Continued)

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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#### Narrative

**Job Narrative**  
**240-37219-1**

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/10/2014 10:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.6° C.

#### GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### General Chemistry

Method(s) 7196A: The following sample(s) were received with insufficient time remaining to perform the analysis within holding time: MW-11-2014-S (240-37219-1), MW-7-2014-S (240-37219-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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#### Narrative

**Job Narrative**  
**240-37489-1**

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/17/2014 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.4° C.

#### GC/MS VOA

Method(s) 8260B: The method blank for batch <<131760>> contained <<Carbon disulfide>> above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method(s) 8260B: No Ms/Msd for batch 131760 due to analyst prep error.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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#### Narrative

**Job Narrative**  
**240-37510-1**

#### Comments

No additional comments.

# Case Narrative

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

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## Job ID: 240-36960-1 (Continued)

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### Laboratory: TestAmerica Canton (Continued)

#### Receipt

The samples were received on 5/19/2014 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice.

#### Air - GC/MS VOA

Method(s) TO 14A, TO 15 LL, TO-14A, TO-15: EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by TestAmerica Knoxville.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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# Method Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

Method	Method Description	Protocol	Laboratory
8260A	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CAN
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL KNX
6010B	Metals (ICP)	SW846	TAL CAN
7196A	Chromium, Hexavalent	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN

**Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TAL KNX = TestAmerica Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

# Sample Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-36960-1	MW-59-2014-S	Water	05/06/14 09:10	05/07/14 11:20
240-36960-2	MW-58-2014-S	Water	05/06/14 09:25	05/07/14 11:20
240-36960-3	MW-57-2014-S	Water	05/06/14 12:15	05/07/14 11:20
240-36960-4	FD-01-2014-S	Water	05/06/14 10:00	05/07/14 11:20
240-36960-5	MW-50-2014-S	Water	05/06/14 12:45	05/07/14 11:20
240-36960-6	MW-14-2014-S	Water	05/06/14 13:00	05/07/14 11:20
240-36960-7	MW-49-2014-S	Water	05/06/14 14:10	05/07/14 11:20
240-36960-8	MW-44-2014-S	Water	05/06/14 14:20	05/07/14 11:20
240-36960-9	MW-43-2014-S	Water	05/06/14 15:20	05/07/14 11:20
240-36960-10	MW-55-2014-S	Water	05/06/14 16:05	05/07/14 11:20
240-36960-11	MW-41-2014-S	Water	05/06/14 16:45	05/07/14 11:20
240-36960-12	MW-56-2014-S	Water	05/06/14 17:15	05/07/14 11:20
240-36960-13	MW-42-2014-S	Water	05/06/14 17:25	05/07/14 11:20
240-36960-14	EB-101-GW	Water	05/06/14 17:35	05/07/14 11:20
240-36960-15	TRIP BLANK	Water	05/06/14 00:00	05/07/14 11:20
240-37050-1	MW-45-2014-S	Water	05/07/14 10:50	05/08/14 08:00
240-37050-2	MW-46-2014-S	Water	05/07/14 11:35	05/08/14 08:00
240-37050-3	MW-47-2014-S	Water	05/07/14 08:30	05/08/14 08:00
240-37050-4	MW-48-2014-S	Water	05/07/14 09:20	05/08/14 08:00
240-37050-5	MW-51-2014-S	Water	05/07/14 09:50	05/08/14 08:00
240-37050-6	MW-52-2014-S	Water	05/07/14 09:05	05/08/14 08:00
240-37050-7	MW-12-2014-S	Water	05/07/14 15:30	05/08/14 08:00
240-37050-8	MW-20-2014-S	Water	05/07/14 15:40	05/08/14 08:00
240-37050-9	EB-201-2014-S	Water	05/07/14 16:00	05/08/14 08:00
240-37110-1	RT-5-2014-S	Water	05/08/14 09:30	05/09/14 08:00
240-37110-2	RT-4-2014-S	Water	05/08/14 10:00	05/09/14 08:00
240-37110-3	RT-2-2014-S	Water	05/08/14 10:30	05/09/14 08:00
240-37110-4	RT-1-2014-S	Water	05/08/14 11:00	05/09/14 08:00
240-37110-5	FD-02-2014-S	Water	05/08/14 09:00	05/09/14 08:00
240-37110-6	SW-17-2014-S	Water	05/08/14 13:10	05/09/14 08:00
240-37110-7	SW-9-2014-S	Water	05/08/14 13:50	05/09/14 08:00
240-37110-8	SW-19-2014-S	Water	05/08/14 15:15	05/09/14 08:00
240-37110-9	SW-12-2014-S	Water	05/08/14 15:40	05/09/14 08:00
240-37110-10	SW-22-2014-S	Water	05/08/14 16:05	05/09/14 08:00
240-37110-11	FD-03-SN-2014S	Water	05/08/14 12:00	05/09/14 08:00
240-37110-12	EB-301-GW	Water	05/08/14 11:30	05/09/14 08:00
240-37110-13	EB-302-SW	Water	05/08/14 16:20	05/09/14 08:00
240-37110-14	EB-303-SD	Water	05/08/14 16:30	05/09/14 08:00
240-37110-15	SD-17-2014-S	Solid	05/08/14 13:15	05/09/14 08:00
240-37110-16	SD-9-2014-S	Solid	05/08/14 14:00	05/09/14 08:00
240-37110-17	SD-4-2014-S	Solid	05/08/14 15:20	05/09/14 08:00
240-37110-18	SD-12-2014-S	Solid	05/08/14 15:45	05/09/14 08:00
240-37110-19	SD-7-2014-S	Solid	05/08/14 16:10	05/09/14 08:00
240-37110-20	FD-04-SD-2014S	Solid	05/08/14 12:15	05/09/14 08:00
240-37135-1	RT-5-2014-S	Water	05/08/14 09:30	05/09/14 10:00
240-37135-2	RT-4-2014-S	Water	05/08/14 10:00	05/09/14 10:00
240-37135-3	RT-2-2014-S	Water	05/08/14 10:30	05/09/14 10:00
240-37135-4	RT-1-2014-S	Water	05/08/14 11:00	05/09/14 10:00
240-37135-5	FD-02-2014-S	Water	05/08/14 09:00	05/09/14 10:00
240-37135-6	SW-17-2014-S	Water	05/08/14 13:10	05/09/14 10:00
240-37135-7	SW-9-2014-S	Water	05/08/14 13:50	05/09/14 10:00
240-37135-8	SW-19-2014-S	Water	05/08/14 15:15	05/09/14 10:00
240-37135-9	SW-12-2014-S	Water	05/08/14 15:40	05/09/14 10:00

TestAmerica Canton

# Sample Summary

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-37135-10	SW-22-2014-S	Water	05/08/14 16:05	05/09/14 10:00
240-37135-11	FD-03-SW-2014-S	Water	05/08/14 12:00	05/09/14 10:00
240-37135-12	EB-301-GW	Water	05/08/14 11:30	05/09/14 10:00
240-37135-13	EB-302-SW	Water	05/08/14 16:20	05/09/14 10:00
240-37135-14	EB-303-SD	Water	05/08/14 16:30	05/09/14 10:00
240-37154-1	RT-5-2014-S	Water	05/08/14 09:30	05/09/14 10:00
240-37154-2	RT-4-2014-S	Water	05/08/14 10:00	05/09/14 10:00
240-37154-3	RT-2-2014-S	Water	05/08/14 10:30	05/09/14 10:00
240-37154-4	RT-1-2014-S	Water	05/08/14 11:00	05/09/14 10:00
240-37154-5	FD-02-2014-S	Water	05/08/14 09:00	05/09/14 10:00
240-37154-6	EB-301-GW	Water	05/08/14 11:30	05/09/14 10:00
240-37154-7	SW-17-2014-S	Water	05/08/14 13:10	05/09/14 10:00
240-37154-8	SW-9-2014-S	Water	05/08/14 13:50	05/09/14 10:00
240-37154-9	SW-19-2014-S	Water	05/08/14 15:15	05/09/14 10:00
240-37154-10	SW-12-2014-S	Water	05/08/14 15:40	05/09/14 10:00
240-37154-11	SW-22-2014-S	Water	05/08/14 16:05	05/09/14 10:00
240-37154-12	FD-03-SW-2014-S	Water	05/08/14 12:00	05/09/14 10:00
240-37154-14	EB-302-SW	Water	05/08/14 16:20	05/09/14 10:00
240-37154-15	SD-17-2014-S	Solid	05/08/14 13:15	05/09/14 10:00
240-37154-16	SD-9-2014-S	Solid	05/08/14 14:00	05/09/14 10:00
240-37154-17	SD-4-2014-S	Solid	05/08/14 15:20	05/09/14 10:00
240-37154-18	SD-12-2014-S	Solid	05/08/14 15:45	05/09/14 10:00
240-37154-19	SD-7-2014-S	Solid	05/08/14 16:10	05/09/14 10:00
240-37154-20	FD-04-SD-2014-S	Solid	05/08/14 12:15	05/09/14 10:00
240-37154-21	EB-303-SD	Water	05/08/14 16:30	05/09/14 10:00
240-37219-1	MW-11-2014-S	Water	05/09/14 09:10	05/10/14 10:30
240-37219-2	MW-7-2014-S	Water	05/09/14 10:20	05/10/14 10:30
240-37219-3	MW-25-2014-S	Water	05/09/14 12:20	05/10/14 10:30
240-37219-4	MW-53-2014-S	Water	05/09/14 15:00	05/10/14 10:30
240-37219-5	EB-401-2014-S	Water	05/09/14 15:50	05/10/14 10:30
240-37219-6	MW-5-2014-S	Water	05/09/14 17:10	05/10/14 10:30
240-37266-1	MW-8-2014-S	Water	05/12/14 09:40	05/13/14 09:20
240-37266-2	MW-23-2014-S	Water	05/12/14 10:20	05/13/14 09:20
240-37266-3	MW-13-2014-S	Water	05/12/14 10:55	05/13/14 09:20
240-37266-4	MW-16-2014-S	Water	05/12/14 11:30	05/13/14 09:20
240-37266-5	EB-501-2014-S	Water	05/12/14 12:00	05/13/14 09:20
240-37266-6	MW-54-2014-S	Water	05/12/14 12:40	05/13/14 09:20
240-37266-7	MW-10-2014-S	Water	05/12/14 14:00	05/13/14 09:20
240-37266-8	MW-9-2014-S	Water	05/12/14 16:10	05/13/14 09:20
240-37489-1	EB-601-051514	Water	05/15/14 07:30	05/17/14 09:30
240-37489-2	FD-601-051514	Water	05/15/14 07:15	05/17/14 09:30
240-37489-3	VP-101-051514	Water	05/15/14 07:45	05/17/14 09:30
240-37489-4	VP-103-051514	Water	05/15/14 08:00	05/17/14 09:30
240-37489-5	VP-108-051514	Water	05/15/14 08:15	05/17/14 09:30
240-37489-6	VP-107-051514	Water	05/15/14 08:20	05/17/14 09:30
240-37489-7	VP-110-051514	Water	05/15/14 08:25	05/17/14 09:30
240-37489-8	VP-106-051514	Water	05/15/14 08:35	05/17/14 09:30
240-37489-9	VP-112-051514	Water	05/15/14 08:45	05/17/14 09:30
240-37489-10	VP-114-051514	Water	05/15/14 08:50	05/17/14 09:30
240-37489-11	MW-48-2014-SR	Water	05/15/14 10:15	05/17/14 09:30
240-37489-12	MW-47-2014-SR	Water	05/15/14 10:45	05/17/14 09:30
240-37489-13	TRIP BLANKS	Water	05/15/14 00:00	05/17/14 09:30
240-37510-1	VP-3-051114	Air	05/11/14 18:48	05/19/14 09:45

TestAmerica Canton

# Sample Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-37510-2	VP-11-051114	Air	05/11/14 19:00	05/19/14 09:45
240-37510-3	VP-107-051414	Air	05/11/14 13:46	05/19/14 09:45
240-37510-4	VP-110-051414	Air	05/14/14 12:25	05/19/14 09:45
240-37510-5	VP-106-051414	Air	05/14/14 13:56	05/19/14 09:45
240-37510-6	VP-108-051414	Air	05/14/14 13:04	05/19/14 09:45
240-37510-7	FD-101-051414	Air	05/14/14 13:00	05/19/14 09:45
240-37510-8	VP-114-051414	Air	05/14/14 14:30	05/19/14 09:45
240-37510-9	AB-101-051414	Air	05/14/14 14:11	05/19/14 09:45
240-37510-10	TB-101-051414	Air	05/14/14 00:00	05/19/14 09:45



# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-59-2014-S

Lab Sample ID: 240-36960-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	2.3		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: MW-58-2014-S

Lab Sample ID: 240-36960-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	62		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	49		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: MW-57-2014-S

Lab Sample ID: 240-36960-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	97		1.7		ug/L	1.67		8260B	Total/NA
Trichloroethene	43		1.7		ug/L	1.67		8260B	Total/NA
Vinyl chloride	14		1.7		ug/L	1.67		8260B	Total/NA

## Client Sample ID: FD-01-2014-S

Lab Sample ID: 240-36960-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	270		6.7		ug/L	6.67		8260B	Total/NA
Vinyl chloride	97		6.7		ug/L	6.67		8260B	Total/NA

## Client Sample ID: MW-50-2014-S

Lab Sample ID: 240-36960-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	23		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	5.0		1.0		ug/L	1		8260B	Total/NA
Vinyl chloride	6.4		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: MW-14-2014-S

Lab Sample ID: 240-36960-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	440		11		ug/L	11.11		8260B	Total/NA
Trichloroethene	750		11		ug/L	11.11		8260B	Total/NA

## Client Sample ID: MW-49-2014-S

Lab Sample ID: 240-36960-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	930		13		ug/L	12.5		8260B	Total/NA
Vinyl chloride	500		13		ug/L	12.5		8260B	Total/NA

## Client Sample ID: MW-44-2014-S

Lab Sample ID: 240-36960-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	340		4.0		ug/L	4		8260B	Total/NA
Vinyl chloride	120		4.0		ug/L	4		8260B	Total/NA

## Client Sample ID: MW-43-2014-S

Lab Sample ID: 240-36960-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	980		17		ug/L	16.67		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-43-2014-S (Continued)

Lab Sample ID: 240-36960-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	130		17		ug/L	16.67		8260B	Total/NA

## Client Sample ID: MW-55-2014-S

Lab Sample ID: 240-36960-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	660		50		ug/L	50		8260B	Total/NA
Trichloroethene	2900		50		ug/L	50		8260B	Total/NA
Vinyl chloride	52		50		ug/L	50		8260B	Total/NA
Arsenic	11		10		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-41-2014-S

Lab Sample ID: 240-36960-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4500		50		ug/L	50		8260B	Total/NA
Vinyl chloride	1100		50		ug/L	50		8260B	Total/NA

## Client Sample ID: MW-56-2014-S

Lab Sample ID: 240-36960-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	700		50		ug/L	50		8260B	Total/NA
Trichloroethene	3000		50		ug/L	50		8260B	Total/NA
Vinyl chloride	62		50		ug/L	50		8260B	Total/NA

## Client Sample ID: MW-42-2014-S

Lab Sample ID: 240-36960-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	200		5.0		ug/L	5		8260B	Total/NA
Vinyl chloride	480		5.0		ug/L	5		8260B	Total/NA

## Client Sample ID: EB-101-GW

Lab Sample ID: 240-36960-14

No Detections.

## Client Sample ID: TRIP BLANK

Lab Sample ID: 240-36960-15

No Detections.

## Client Sample ID: MW-45-2014-S

Lab Sample ID: 240-37050-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	19000		1000		ug/L	1000		8260B	Total/NA
Trichloroethene	13000		1000		ug/L	1000		8260B	Total/NA
Vinyl chloride	1900		1000		ug/L	1000		8260B	Total/NA
Chromium	350		5.0		ug/L	1		6010B	Total Recoverable
Cr (VI)	0.38		0.020		mg/L	1		7196A	Total/NA

## Client Sample ID: MW-46-2014-S

Lab Sample ID: 240-37050-2

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-46-2014-S (Continued)

Lab Sample ID: 240-37050-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3000		200		ug/L	200		8260B	Total/NA
Trichloroethene	6300		200		ug/L	200		8260B	Total/NA

## Client Sample ID: MW-47-2014-S

Lab Sample ID: 240-37050-3

No Detections.

## Client Sample ID: MW-48-2014-S

Lab Sample ID: 240-37050-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	74		10		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-51-2014-S

Lab Sample ID: 240-37050-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1500		500		ug/L	500		8260B	Total/NA
Trichloroethene	7900		500		ug/L	500		8260B	Total/NA
Chromium	51		5.0		ug/L	1		6010B	Total Recoverable
Cr (VI)	0.062		0.020		mg/L	1		7196A	Total/NA

## Client Sample ID: MW-52-2014-S

Lab Sample ID: 240-37050-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1100		500		ug/L	500		8260B	Total/NA
Trichloroethene	4200		500		ug/L	500		8260B	Total/NA

## Client Sample ID: MW-12-2014-S

Lab Sample ID: 240-37050-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	9.2		1.0		ug/L	1		8260B	Total/NA
Chromium	5.3		5.0		ug/L	1		6010B	Total Recoverable
Lead	3.9		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-20-2014-S

Lab Sample ID: 240-37050-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	390		17		ug/L	16.67		8260B	Total/NA
Trichloroethene	370		17		ug/L	16.67		8260B	Total/NA
Chromium	5.1		5.0		ug/L	1		6010B	Total Recoverable
Lead	6.7		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: EB-201-2014-S

Lab Sample ID: 240-37050-9

No Detections.

## Client Sample ID: RT-5-2014-S

Lab Sample ID: 240-37110-1

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: RT-5-2014-S (Continued)

Lab Sample ID: 240-37110-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.20		0.020		mg/L	1		7196A	Total/NA

## Client Sample ID: RT-4-2014-S

Lab Sample ID: 240-37110-2

No Detections.

## Client Sample ID: RT-2-2014-S

Lab Sample ID: 240-37110-3

No Detections.

## Client Sample ID: RT-1-2014-S

Lab Sample ID: 240-37110-4

No Detections.

## Client Sample ID: FD-02-2014-S

Lab Sample ID: 240-37110-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.023		0.020		mg/L	1		7196A	Total/NA

## Client Sample ID: SW-17-2014-S

Lab Sample ID: 240-37110-6

No Detections.

## Client Sample ID: SW-9-2014-S

Lab Sample ID: 240-37110-7

No Detections.

## Client Sample ID: SW-19-2014-S

Lab Sample ID: 240-37110-8

No Detections.

## Client Sample ID: SW-12-2014-S

Lab Sample ID: 240-37110-9

No Detections.

## Client Sample ID: SW-22-2014-S

Lab Sample ID: 240-37110-10

No Detections.

## Client Sample ID: FD-03-SN-2014S

Lab Sample ID: 240-37110-11

No Detections.

## Client Sample ID: EB-301-GW

Lab Sample ID: 240-37110-12

No Detections.

## Client Sample ID: EB-302-SW

Lab Sample ID: 240-37110-13

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37110-14

No Detections.

## Client Sample ID: SD-17-2014-S

Lab Sample ID: 240-37110-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	11		0.53		mg/Kg	1	*	6010B	Total/NA
Lead	2.2		0.32		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: SD-9-2014-S

Lab Sample ID: 240-37110-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.94		0.54		mg/Kg	1	*	6010B	Total/NA
Lead	1.1		0.32		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: SD-4-2014-S

Lab Sample ID: 240-37110-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.0		0.82		mg/Kg	1	*	6010B	Total/NA
Chromium	2.0		0.41		mg/Kg	1	*	6010B	Total/NA
Lead	1.3		0.25		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: SD-12-2014-S

Lab Sample ID: 240-37110-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	1.2		0.62		mg/Kg	1	*	6010B	Total/NA
Lead	1.3		0.37		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: SD-7-2014-S

Lab Sample ID: 240-37110-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.66		0.58		mg/Kg	1	*	6010B	Total/NA
Lead	0.93		0.35		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: FD-04-SD-2014S

Lab Sample ID: 240-37110-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.71		0.53		mg/Kg	1	*	6010B	Total/NA
Lead	0.77		0.32		mg/Kg	1	*	6010B	Total/NA

## Client Sample ID: RT-5-2014-S

Lab Sample ID: 240-37135-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	6.3		2.0		ug/L	1		8270C	Total/NA
1,2,4-Trichlorobenzene	1.0		1.0		ug/L	1		8270C	Total/NA
Chromium	33		5.0		ug/L	1		6010B	Total Recoverable
Lead	3.4		3.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: RT-4-2014-S

Lab Sample ID: 240-37135-2

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: RT-4-2014-S (Continued)

Lab Sample ID: 240-37135-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	9.4		2.2		ug/L			1	8270C	Total/NA
Arsenic	10		10		ug/L			1	6010B	Total Recoverable

## Client Sample ID: RT-2-2014-S

Lab Sample ID: 240-37135-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	18		1.1		ug/L			1	8270C	Total/NA
Chromium	330		5.0		ug/L			1	6010B	Total Recoverable
Lead	5.4		3.0		ug/L			1	6010B	Total Recoverable

## Client Sample ID: RT-1-2014-S

Lab Sample ID: 240-37135-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chromium	6.6		5.0		ug/L			1	6010B	Total Recoverable

## Client Sample ID: FD-02-2014-S

Lab Sample ID: 240-37135-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	18		1.1		ug/L			1	8270C	Total/NA
Chromium	320		5.0		ug/L			1	6010B	Total Recoverable
Lead	4.1		3.0		ug/L			1	6010B	Total Recoverable

## Client Sample ID: SW-17-2014-S

Lab Sample ID: 240-37135-6

No Detections.

## Client Sample ID: SW-9-2014-S

Lab Sample ID: 240-37135-7

No Detections.

## Client Sample ID: SW-19-2014-S

Lab Sample ID: 240-37135-8

No Detections.

## Client Sample ID: SW-12-2014-S

Lab Sample ID: 240-37135-9

No Detections.

## Client Sample ID: SW-22-2014-S

Lab Sample ID: 240-37135-10

No Detections.

## Client Sample ID: FD-03-SW-2014-S

Lab Sample ID: 240-37135-11

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: EB-301-GW

Lab Sample ID: 240-37135-12

No Detections.

## Client Sample ID: EB-302-SW

Lab Sample ID: 240-37135-13

No Detections.

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37135-14

No Detections.

## Client Sample ID: RT-5-2014-S

Lab Sample ID: 240-37154-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	210		6.7		ug/L	6.67		8260B	Total/NA
Trichloroethene	150		6.7		ug/L	6.67		8260B	Total/NA
Vinyl chloride	16		6.7		ug/L	6.67		8260B	Total/NA

## Client Sample ID: RT-4-2014-S

Lab Sample ID: 240-37154-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2100		100		ug/L	100		8260B	Total/NA
trans-1,2-Dichloroethene	120		100		ug/L	100		8260B	Total/NA
Trichloroethene	130		100		ug/L	100		8260B	Total/NA

## Client Sample ID: RT-2-2014-S

Lab Sample ID: 240-37154-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	16000		500		ug/L	500		8260B	Total/NA
Trichloroethene	4600		500		ug/L	500		8260B	Total/NA

## Client Sample ID: RT-1-2014-S

Lab Sample ID: 240-37154-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	49		5.0		ug/L	5		8260B	Total/NA
Trichloroethene	140		5.0		ug/L	5		8260B	Total/NA

## Client Sample ID: FD-02-2014-S

Lab Sample ID: 240-37154-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	15000		500		ug/L	500		8260B	Total/NA
Trichloroethene	4400		500		ug/L	500		8260B	Total/NA

## Client Sample ID: EB-301-GW

Lab Sample ID: 240-37154-6

No Detections.

## Client Sample ID: SW-17-2014-S

Lab Sample ID: 240-37154-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	25		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	5.8		1.0		ug/L	1		8260B	Total/NA
Vinyl chloride	2.4		1.0		ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: SW-9-2014-S

Lab Sample ID: 240-37154-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	36		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	8.0		1.0		ug/L	1		8260B	Total/NA
Vinyl chloride	4.1		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: SW-19-2014-S

Lab Sample ID: 240-37154-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	60		2.0		ug/L	2		8260B	Total/NA
Trichloroethene	6.9		2.0		ug/L	2		8260B	Total/NA
Vinyl chloride	10		2.0		ug/L	2		8260B	Total/NA

## Client Sample ID: SW-12-2014-S

Lab Sample ID: 240-37154-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.5		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	8.7		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: SW-22-2014-S

Lab Sample ID: 240-37154-11

No Detections.

## Client Sample ID: FD-03-SW-2014-S

Lab Sample ID: 240-37154-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	58		1.7		ug/L	1.67		8260B	Total/NA
Trichloroethene	6.8		1.7		ug/L	1.67		8260B	Total/NA
Vinyl chloride	9.8		1.7		ug/L	1.67		8260B	Total/NA

## Client Sample ID: EB-302-SW

Lab Sample ID: 240-37154-14

No Detections.

## Client Sample ID: SD-17-2014-S

Lab Sample ID: 240-37154-15

No Detections.

## Client Sample ID: SD-9-2014-S

Lab Sample ID: 240-37154-16

No Detections.

## Client Sample ID: SD-4-2014-S

Lab Sample ID: 240-37154-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.0		2.9		ug/L	1	*	8260A	Total/NA

## Client Sample ID: SD-12-2014-S

Lab Sample ID: 240-37154-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	46		5.3		ug/L	1	*	8260A	Total/NA
Trichloroethene	140		11		ug/L	1	*	8260A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: SD-7-2014-S

Lab Sample ID: 240-37154-19

No Detections.

## Client Sample ID: FD-04-SD-2014-S

Lab Sample ID: 240-37154-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.5		2.7		ug/L	1	8260A	Total/NA	

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37154-21

No Detections.

## Client Sample ID: MW-11-2014-S

Lab Sample ID: 240-37219-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.2		1.0		ug/L	1	8260B	Total/NA	
Trichloroethene	4.0		1.0		ug/L	1	8260B	Total/NA	
Chromium	9.2		5.0		ug/L	1	6010B	Total Recoverable	
Lead	6.2		3.0		ug/L	1	6010B	Total Recoverable	

## Client Sample ID: MW-7-2014-S

Lab Sample ID: 240-37219-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.4		1.0		ug/L	1	8260B	Total/NA	
Trichloroethene	30		1.0		ug/L	1	8260B	Total/NA	
Chromium	5.3		5.0		ug/L	1	6010B	Total Recoverable	
Lead	4.2		3.0		ug/L	1	6010B	Total Recoverable	

## Client Sample ID: MW-25-2014-S

Lab Sample ID: 240-37219-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13000		1300		ug/L	1250	8260B	Total/NA	
Trichloroethene	73000		1300		ug/L	1250	8260B	Total/NA	
Chromium	17		5.0		ug/L	1	6010B	Total Recoverable	
Lead	14		3.0		ug/L	1	6010B	Total Recoverable	

## Client Sample ID: MW-53-2014-S

Lab Sample ID: 240-37219-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	83		10		ug/L	10	8260B	Total/NA	
Trichloroethene	220		10		ug/L	10	8260B	Total/NA	
Chromium	20		5.0		ug/L	1	6010B	Total Recoverable	
Lead	4.8		3.0		ug/L	1	6010B	Total Recoverable	

## Client Sample ID: EB-401-2014-S

Lab Sample ID: 240-37219-5

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-5-2014-S

Lab Sample ID: 240-37219-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4500		250		ug/L	250		8260B	Total/NA
Trichloroethene	14000		250		ug/L	250		8260B	Total/NA

## Client Sample ID: MW-8-2014-S

Lab Sample ID: 240-37266-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.9		2.5		ug/L	2.5		8260B	Total/NA
Trichloroethene	70		2.5		ug/L	2.5		8260B	Total/NA

## Client Sample ID: MW-23-2014-S

Lab Sample ID: 240-37266-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	280		17		ug/L	16.67		8260B	Total/NA
Trichloroethene	410		17		ug/L	16.67		8260B	Total/NA
1,2,4-Trichlorobenzene	6.0		1.0		ug/L	1		8270C	Total/NA
Chromium	32		5.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-13-2014-S

Lab Sample ID: 240-37266-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	51		2.5		ug/L	2.5		8260B	Total/NA
Trichloroethene	35		2.5		ug/L	2.5		8260B	Total/NA

## Client Sample ID: MW-16-2014-S

Lab Sample ID: 240-37266-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	590		25		ug/L	25		8260B	Total/NA
Trichloroethene	600		25		ug/L	25		8260B	Total/NA
Vinyl chloride	41		25		ug/L	25		8260B	Total/NA

## Client Sample ID: EB-501-2014-S

Lab Sample ID: 240-37266-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	9.8		5.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-54-2014-S

Lab Sample ID: 240-37266-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	410		50		ug/L	50		8260B	Total/NA
Trichloroethene	1200		50		ug/L	50		8260B	Total/NA
Vinyl chloride	68		50		ug/L	50		8260B	Total/NA

## Client Sample ID: MW-10-2014-S

Lab Sample ID: 240-37266-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	41		2.0		ug/L	2		8260B	Total/NA
Trichloroethene	51		2.0		ug/L	2		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-9-2014-S

Lab Sample ID: 240-37266-8

No Detections.

## Client Sample ID: EB-601-051514

Lab Sample ID: 240-37489-1

No Detections.

## Client Sample ID: FD-601-051514

Lab Sample ID: 240-37489-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4000		67		ug/L	66.67		8260B	Total/NA
trans-1,2-Dichloroethene	290		67		ug/L	66.67		8260B	Total/NA
Trichloroethene	230		67		ug/L	66.67		8260B	Total/NA
Vinyl chloride	260		67		ug/L	66.67		8260B	Total/NA

## Client Sample ID: VP-101-051514

Lab Sample ID: 240-37489-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3800		67		ug/L	66.67		8260B	Total/NA
trans-1,2-Dichloroethene	270		67		ug/L	66.67		8260B	Total/NA
Trichloroethene	240		67		ug/L	66.67		8260B	Total/NA
Vinyl chloride	240		67		ug/L	66.67		8260B	Total/NA

## Client Sample ID: VP-103-051514

Lab Sample ID: 240-37489-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	38		2.0		ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	3.0		2.0		ug/L	2		8260B	Total/NA
Trichloroethene	11		2.0		ug/L	2		8260B	Total/NA
Vinyl chloride	4.6		2.0		ug/L	2		8260B	Total/NA

## Client Sample ID: VP-108-051514

Lab Sample ID: 240-37489-5

No Detections.

## Client Sample ID: VP-107-051514

Lab Sample ID: 240-37489-6

No Detections.

## Client Sample ID: VP-110-051514

Lab Sample ID: 240-37489-7

No Detections.

## Client Sample ID: VP-106-051514

Lab Sample ID: 240-37489-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	17		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	7.1		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: VP-112-051514

Lab Sample ID: 240-37489-9

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: VP-114-051514

Lab Sample ID: 240-37489-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.5		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	3.2		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: MW-48-2014-SR

Lab Sample ID: 240-37489-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2500		130		ug/L	133.33		8260B	Total/NA
Trichloroethene	8300		130		ug/L	133.33		8260B	Total/NA
Vinyl chloride	290		130		ug/L	133.33		8260B	Total/NA

## Client Sample ID: MW-47-2014-SR

Lab Sample ID: 240-37489-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	34		1.4		ug/L	1.43		8260B	Total/NA
Trichloroethene	5.6		1.4		ug/L	1.43		8260B	Total/NA
Vinyl chloride	15		1.4		ug/L	1.43		8260B	Total/NA

## Client Sample ID: TRIP BLANKS

Lab Sample ID: 240-37489-13

No Detections.

## Client Sample ID: VP-3-051114

Lab Sample ID: 240-37510-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	6.8		0.81		ppb v/v	1.61		TO-15	Total/NA
o-Xylene	0.94		0.81		ppb v/v	1.61		TO-15	Total/NA
Trichloroethene	88		0.81		ppb v/v	1.61		TO-15	Total/NA
Xylenes, Total	3.4		1.6		ppb v/v	1.61		TO-15	Total/NA
cis-1,2-Dichloroethene	52		0.81		ppb v/v	1.61		TO-15	Total/NA
m-Xylene & p-Xylene	2.5		0.81		ppb v/v	1.61		TO-15	Total/NA

## Client Sample ID: VP-11-051114

Lab Sample ID: 240-37510-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.20		0.20		ppb v/v	1.82		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.29		0.20		ppb v/v	1.82		TO-15	Total/NA
Toluene	7.2		0.20		ppb v/v	1.82		TO-15	Total/NA
o-Xylene	2.0		0.20		ppb v/v	1.82		TO-15	Total/NA
Trichloroethene	0.35		0.20		ppb v/v	1.82		TO-15	Total/NA
Ethylbenzene	1.3		0.20		ppb v/v	1.82		TO-15	Total/NA
Xylenes, Total	6.9		0.40		ppb v/v	1.82		TO-15	Total/NA
m-Xylene & p-Xylene	4.9		0.20		ppb v/v	1.82		TO-15	Total/NA

## Client Sample ID: VP-107-051414

Lab Sample ID: 240-37510-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	4.8		1.6		ppb v/v	1		TO-15	Total/NA
Trichloroethene	110		1.6		ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	5.7		1.6		ppb v/v	1		TO-15	Total/NA
m-Xylene & p-Xylene	2.3		1.6		ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: VP-110-051414

## Lab Sample ID: 240-37510-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	4.1		0.20		ppb v/v	1		TO-15	Total/NA
o-Xylene	0.70		0.20		ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.52		0.20		ppb v/v	1		TO-15	Total/NA
Trichloroethene	19		0.20		ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.46		0.20		ppb v/v	1		TO-15	Total/NA
Xylenes, Total	2.6		0.40		ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	4.5		0.20		ppb v/v	1		TO-15	Total/NA
m-Xylene & p-Xylene	1.9		0.20		ppb v/v	1		TO-15	Total/NA
Vinyl chloride	0.49		0.20		ppb v/v	1		TO-15	Total/NA

## Client Sample ID: VP-106-051414

## Lab Sample ID: 240-37510-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	4.1		4.0		ppb v/v	1		TO-15	Total/NA
Trichloroethene	550		4.0		ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	110		4.0		ppb v/v	1		TO-15	Total/NA

## Client Sample ID: VP-108-051414

## Lab Sample ID: 240-37510-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.21		0.20		ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.23		0.20		ppb v/v	1		TO-15	Total/NA
Toluene	6.6		0.20		ppb v/v	1		TO-15	Total/NA
o-Xylene	1.0		0.20		ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.29		0.20		ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.71		0.20		ppb v/v	1		TO-15	Total/NA
Xylenes, Total	3.9		0.40		ppb v/v	1		TO-15	Total/NA
m-Xylene & p-Xylene	2.9		0.20		ppb v/v	1		TO-15	Total/NA

## Client Sample ID: FD-101-051414

## Lab Sample ID: 240-37510-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	4.5		4.0		ppb v/v	1		TO-15	Total/NA
Trichloroethene	570		4.0		ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	120		4.0		ppb v/v	1		TO-15	Total/NA

## Client Sample ID: VP-114-051414

## Lab Sample ID: 240-37510-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.38		0.20		ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.84		0.50		ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.22		0.20		ppb v/v	1		TO-15	Total/NA
Toluene	5.7		0.20		ppb v/v	1		TO-15	Total/NA
o-Xylene	0.90		0.20		ppb v/v	1		TO-15	Total/NA
Trichloroethene	20		0.20		ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.60		0.20		ppb v/v	1		TO-15	Total/NA
Xylenes, Total	3.4		0.40		ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	20		0.20		ppb v/v	1		TO-15	Total/NA
m-Xylene & p-Xylene	2.5		0.20		ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: AB-101-051414**

**Lab Sample ID: 240-37510-9**

No Detections.

**Client Sample ID: TB-101-051414**

**Lab Sample ID: 240-37510-10**

No Detections.

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This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-59-2014-S**

**Lab Sample ID: 240-36960-1**

**Date Collected: 05/06/14 09:10**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/14/14 04:12	1
1,1-Dichloroethene	ND		1.0		ug/L			05/14/14 04:12	1
1,2-Dichloroethane	ND		1.0		ug/L			05/14/14 04:12	1
Benzene	ND		1.0		ug/L			05/14/14 04:12	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/14/14 04:12	1
Tetrachloroethene	ND		1.0		ug/L			05/14/14 04:12	1
Toluene	ND		1.0		ug/L			05/14/14 04:12	1
<b>Trichloroethene</b>	<b>2.3</b>		1.0		ug/L			05/14/14 04:12	1
Vinyl chloride	ND		1.0		ug/L			05/14/14 04:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129		05/14/14 04:12	1
4-Bromofluorobenzene (Surr)	84		66 - 120		05/14/14 04:12	1
Toluene-d8 (Surr)	95		74 - 120		05/14/14 04:12	1
Dibromofluoromethane (Surr)	94		75 - 121		05/14/14 04:12	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 17:38	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 17:38	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 17:38	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H ^	0.020		mg/L			05/07/14 12:00	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-58-2014-S**

**Lab Sample ID: 240-36960-2**

**Date Collected: 05/06/14 09:25**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/14/14 04:34	1
1,1-Dichloroethene	ND		1.0		ug/L			05/14/14 04:34	1
1,2-Dichloroethane	ND		1.0		ug/L			05/14/14 04:34	1
Benzene	ND		1.0		ug/L			05/14/14 04:34	1
<b>cis-1,2-Dichloroethene</b>	<b>62</b>		1.0		ug/L			05/14/14 04:34	1
Tetrachloroethene	ND		1.0		ug/L			05/14/14 04:34	1
Toluene	ND		1.0		ug/L			05/14/14 04:34	1
<b>Trichloroethene</b>	<b>49</b>		1.0		ug/L			05/14/14 04:34	1
Vinyl chloride	ND		1.0		ug/L			05/14/14 04:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		05/14/14 04:34	1
4-Bromofluorobenzene (Surr)	84		66 - 120		05/14/14 04:34	1
Toluene-d8 (Surr)	96		74 - 120		05/14/14 04:34	1
Dibromofluoromethane (Surr)	97		75 - 121		05/14/14 04:34	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 17:42	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 17:42	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 17:42	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			05/07/14 11:38	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-57-2014-S**

**Lab Sample ID: 240-36960-3**

**Date Collected: 05/06/14 12:15**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.7		ug/L			05/14/14 04:57	1.67
1,1-Dichloroethene	ND		1.7		ug/L			05/14/14 04:57	1.67
1,2-Dichloroethane	ND		1.7		ug/L			05/14/14 04:57	1.67
Benzene	ND		1.7		ug/L			05/14/14 04:57	1.67
<b>cis-1,2-Dichloroethene</b>	<b>97</b>		1.7		ug/L			05/14/14 04:57	1.67
Tetrachloroethene	ND		1.7		ug/L			05/14/14 04:57	1.67
Toluene	ND		1.7		ug/L			05/14/14 04:57	1.67
<b>Trichloroethene</b>	<b>43</b>		1.7		ug/L			05/14/14 04:57	1.67
<b>Vinyl chloride</b>	<b>14</b>		1.7		ug/L			05/14/14 04:57	1.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		05/14/14 04:57	1.67
4-Bromofluorobenzene (Surr)	86		66 - 120		05/14/14 04:57	1.67
Toluene-d8 (Surr)	96		74 - 120		05/14/14 04:57	1.67
Dibromofluoromethane (Surr)	98		75 - 121		05/14/14 04:57	1.67

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 17:46	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 17:46	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 17:46	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	^	0.020		mg/L			05/07/14 11:58	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-01-2014-S**

**Lab Sample ID: 240-36960-4**

**Date Collected: 05/06/14 10:00**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		6.7		ug/L			05/14/14 05:19	6.67
1,1-Dichloroethene	ND		6.7		ug/L			05/14/14 05:19	6.67
1,2-Dichloroethane	ND		6.7		ug/L			05/14/14 05:19	6.67
Benzene	ND		6.7		ug/L			05/14/14 05:19	6.67
<b>cis-1,2-Dichloroethene</b>	<b>270</b>		6.7		ug/L			05/14/14 05:19	6.67
Tetrachloroethene	ND		6.7		ug/L			05/14/14 05:19	6.67
Toluene	ND		6.7		ug/L			05/14/14 05:19	6.67
Trichloroethene	ND		6.7		ug/L			05/14/14 05:19	6.67
<b>Vinyl chloride</b>	<b>97</b>		6.7		ug/L			05/14/14 05:19	6.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		05/14/14 05:19	6.67
4-Bromofluorobenzene (Surr)	83		66 - 120		05/14/14 05:19	6.67
Toluene-d8 (Surr)	95		74 - 120		05/14/14 05:19	6.67
Dibromofluoromethane (Surr)	95		75 - 121		05/14/14 05:19	6.67

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 17:50	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 17:50	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 17:50	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			05/07/14 11:32	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-50-2014-S**

**Lab Sample ID: 240-36960-5**

**Date Collected: 05/06/14 12:45**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/15/14 01:12	1
1,1-Dichloroethene	ND		1.0		ug/L			05/15/14 01:12	1
1,2-Dichloroethane	ND		1.0		ug/L			05/15/14 01:12	1
Benzene	ND		1.0		ug/L			05/15/14 01:12	1
<b>cis-1,2-Dichloroethene</b>	<b>23</b>		1.0		ug/L			05/15/14 01:12	1
Tetrachloroethene	ND		1.0		ug/L			05/15/14 01:12	1
Toluene	ND		1.0		ug/L			05/15/14 01:12	1
<b>Trichloroethene</b>	<b>5.0</b>		1.0		ug/L			05/15/14 01:12	1
<b>Vinyl chloride</b>	<b>6.4</b>		1.0		ug/L			05/15/14 01:12	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	92		63 - 129					05/15/14 01:12	1
4-Bromofluorobenzene (Surr)	78		66 - 120					05/15/14 01:12	1
Toluene-d8 (Surr)	93		74 - 120					05/15/14 01:12	1
Dibromofluoromethane (Surr)	93		75 - 121					05/15/14 01:12	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 17:11	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 17:11	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 17:11	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	^	0.020		mg/L			05/07/14 11:52	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-14-2014-S**

**Lab Sample ID: 240-36960-6**

**Date Collected: 05/06/14 13:00**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		11		ug/L			05/14/14 05:41	11.11
1,1-Dichloroethene	ND		11		ug/L			05/14/14 05:41	11.11
1,2-Dichloroethane	ND		11		ug/L			05/14/14 05:41	11.11
Benzene	ND		11		ug/L			05/14/14 05:41	11.11
<b>cis-1,2-Dichloroethene</b>	<b>440</b>		11		ug/L			05/14/14 05:41	11.11
Tetrachloroethene	ND		11		ug/L			05/14/14 05:41	11.11
Toluene	ND		11		ug/L			05/14/14 05:41	11.11
<b>Trichloroethene</b>	<b>750</b>		11		ug/L			05/14/14 05:41	11.11
Vinyl chloride	ND		11		ug/L			05/14/14 05:41	11.11

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		05/14/14 05:41	11.11
4-Bromofluorobenzene (Surr)	83		66 - 120		05/14/14 05:41	11.11
Toluene-d8 (Surr)	97		74 - 120		05/14/14 05:41	11.11
Dibromofluoromethane (Surr)	94		75 - 121		05/14/14 05:41	11.11

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 17:54	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 17:54	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 17:54	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/07/14 11:34	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-49-2014-S**

**Lab Sample ID: 240-36960-7**

**Date Collected: 05/06/14 14:10**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		13		ug/L			05/14/14 06:03	12.5
1,1-Dichloroethene	ND		13		ug/L			05/14/14 06:03	12.5
1,2-Dichloroethane	ND		13		ug/L			05/14/14 06:03	12.5
Benzene	ND		13		ug/L			05/14/14 06:03	12.5
<b>cis-1,2-Dichloroethene</b>	<b>930</b>		13		ug/L			05/14/14 06:03	12.5
Tetrachloroethene	ND		13		ug/L			05/14/14 06:03	12.5
Toluene	ND		13		ug/L			05/14/14 06:03	12.5
Trichloroethene	ND		13		ug/L			05/14/14 06:03	12.5
<b>Vinyl chloride</b>	<b>500</b>		13		ug/L			05/14/14 06:03	12.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		05/14/14 06:03	12.5
4-Bromofluorobenzene (Surr)	84		66 - 120		05/14/14 06:03	12.5
Toluene-d8 (Surr)	96		74 - 120		05/14/14 06:03	12.5
Dibromofluoromethane (Surr)	95		75 - 121		05/14/14 06:03	12.5

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 17:58	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 17:58	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 17:58	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/07/14 11:42	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-44-2014-S**

**Lab Sample ID: 240-36960-8**

**Date Collected: 05/06/14 14:20**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		4.0		ug/L			05/14/14 06:26	4
1,1-Dichloroethene	ND		4.0		ug/L			05/14/14 06:26	4
1,2-Dichloroethane	ND		4.0		ug/L			05/14/14 06:26	4
Benzene	ND		4.0		ug/L			05/14/14 06:26	4
<b>cis-1,2-Dichloroethene</b>	<b>340</b>		4.0		ug/L			05/14/14 06:26	4
Tetrachloroethene	ND		4.0		ug/L			05/14/14 06:26	4
Toluene	ND		4.0		ug/L			05/14/14 06:26	4
Trichloroethene	ND		4.0		ug/L			05/14/14 06:26	4
<b>Vinyl chloride</b>	<b>120</b>		4.0		ug/L			05/14/14 06:26	4
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	93		63 - 129					05/14/14 06:26	4
4-Bromofluorobenzene (Surr)	85		66 - 120					05/14/14 06:26	4
Toluene-d8 (Surr)	96		74 - 120					05/14/14 06:26	4
Dibromofluoromethane (Surr)	97		75 - 121					05/14/14 06:26	4

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 18:02	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 18:02	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 18:02	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	^	0.020		mg/L			05/07/14 12:06	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-43-2014-S**

**Lab Sample ID: 240-36960-9**

**Date Collected: 05/06/14 15:20**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		17		ug/L			05/14/14 06:48	16.67
1,1-Dichloroethene	ND		17		ug/L			05/14/14 06:48	16.67
1,2-Dichloroethane	ND		17		ug/L			05/14/14 06:48	16.67
Benzene	ND		17		ug/L			05/14/14 06:48	16.67
<b>cis-1,2-Dichloroethene</b>	<b>980</b>		17		ug/L			05/14/14 06:48	16.67
Tetrachloroethene	ND		17		ug/L			05/14/14 06:48	16.67
Toluene	ND		17		ug/L			05/14/14 06:48	16.67
Trichloroethene	ND		17		ug/L			05/14/14 06:48	16.67
<b>Vinyl chloride</b>	<b>130</b>		17		ug/L			05/14/14 06:48	16.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		63 - 129		05/14/14 06:48	16.67
4-Bromofluorobenzene (Surr)	85		66 - 120		05/14/14 06:48	16.67
Toluene-d8 (Surr)	96		74 - 120		05/14/14 06:48	16.67
Dibromofluoromethane (Surr)	96		75 - 121		05/14/14 06:48	16.67

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 18:06	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 18:06	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 18:06	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/07/14 11:36	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-55-2014-S**

**Lab Sample ID: 240-36960-10**

**Date Collected: 05/06/14 16:05**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		50		ug/L			05/14/14 07:11	50
1,1-Dichloroethene	ND		50		ug/L			05/14/14 07:11	50
1,2-Dichloroethane	ND		50		ug/L			05/14/14 07:11	50
Benzene	ND		50		ug/L			05/14/14 07:11	50
<b>cis-1,2-Dichloroethene</b>	<b>660</b>		50		ug/L			05/14/14 07:11	50
Tetrachloroethene	ND		50		ug/L			05/14/14 07:11	50
Toluene	ND		50		ug/L			05/14/14 07:11	50
<b>Trichloroethene</b>	<b>2900</b>		50		ug/L			05/14/14 07:11	50
<b>Vinyl chloride</b>	<b>52</b>		50		ug/L			05/14/14 07:11	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		05/14/14 07:11	50
4-Bromofluorobenzene (Surr)	86		66 - 120		05/14/14 07:11	50
Toluene-d8 (Surr)	96		74 - 120		05/14/14 07:11	50
Dibromofluoromethane (Surr)	94		75 - 121		05/14/14 07:11	50

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>11</b>		10		ug/L		05/08/14 06:38	05/09/14 18:10	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 18:10	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 18:10	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	^	0.020		mg/L			05/07/14 12:04	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-41-2014-S**

**Lab Sample ID: 240-36960-11**

**Date Collected: 05/06/14 16:45**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		50		ug/L			05/14/14 07:33	50
1,1-Dichloroethene	ND		50		ug/L			05/14/14 07:33	50
1,2-Dichloroethane	ND		50		ug/L			05/14/14 07:33	50
Benzene	ND		50		ug/L			05/14/14 07:33	50
<b>cis-1,2-Dichloroethene</b>	<b>4500</b>		50		ug/L			05/14/14 07:33	50
Tetrachloroethene	ND		50		ug/L			05/14/14 07:33	50
Toluene	ND		50		ug/L			05/14/14 07:33	50
Trichloroethene	ND		50		ug/L			05/14/14 07:33	50
<b>Vinyl chloride</b>	<b>1100</b>		50		ug/L			05/14/14 07:33	50
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	94		63 - 129					05/14/14 07:33	50
4-Bromofluorobenzene (Surr)	87		66 - 120					05/14/14 07:33	50
Toluene-d8 (Surr)	96		74 - 120					05/14/14 07:33	50
Dibromofluoromethane (Surr)	98		75 - 121					05/14/14 07:33	50

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 18:22	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 18:22	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 18:22	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	^	0.020		mg/L			05/07/14 12:08	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-56-2014-S**

**Lab Sample ID: 240-36960-12**

**Date Collected: 05/06/14 17:15**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		50		ug/L			05/14/14 07:56	50
1,1-Dichloroethene	ND		50		ug/L			05/14/14 07:56	50
1,2-Dichloroethane	ND		50		ug/L			05/14/14 07:56	50
Benzene	ND		50		ug/L			05/14/14 07:56	50
<b>cis-1,2-Dichloroethene</b>	<b>700</b>		50		ug/L			05/14/14 07:56	50
Tetrachloroethene	ND		50		ug/L			05/14/14 07:56	50
Toluene	ND		50		ug/L			05/14/14 07:56	50
<b>Trichloroethene</b>	<b>3000</b>		50		ug/L			05/14/14 07:56	50
<b>Vinyl chloride</b>	<b>62</b>		50		ug/L			05/14/14 07:56	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		05/14/14 07:56	50
4-Bromofluorobenzene (Surr)	84		66 - 120		05/14/14 07:56	50
Toluene-d8 (Surr)	97		74 - 120		05/14/14 07:56	50
Dibromofluoromethane (Surr)	95		75 - 121		05/14/14 07:56	50

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 18:26	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 18:26	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 18:26	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	^	0.020		mg/L			05/07/14 12:02	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-42-2014-S**

**Lab Sample ID: 240-36960-13**

**Date Collected: 05/06/14 17:25**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0		ug/L			05/14/14 08:18	5
1,1-Dichloroethene	ND		5.0		ug/L			05/14/14 08:18	5
1,2-Dichloroethane	ND		5.0		ug/L			05/14/14 08:18	5
Benzene	ND		5.0		ug/L			05/14/14 08:18	5
<b>cis-1,2-Dichloroethene</b>	<b>200</b>		5.0		ug/L			05/14/14 08:18	5
Tetrachloroethene	ND		5.0		ug/L			05/14/14 08:18	5
Toluene	ND		5.0		ug/L			05/14/14 08:18	5
Trichloroethene	ND		5.0		ug/L			05/14/14 08:18	5
<b>Vinyl chloride</b>	<b>480</b>		5.0		ug/L			05/14/14 08:18	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		63 - 129		05/14/14 08:18	5
4-Bromofluorobenzene (Surr)	85		66 - 120		05/14/14 08:18	5
Toluene-d8 (Surr)	94		74 - 120		05/14/14 08:18	5
Dibromofluoromethane (Surr)	98		75 - 121		05/14/14 08:18	5

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 18:30	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 18:30	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 18:30	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/07/14 11:40	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-101-GW**

**Lab Sample ID: 240-36960-14**

**Date Collected: 05/06/14 17:35**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/15/14 02:19	1
1,1-Dichloroethene	ND		1.0		ug/L			05/15/14 02:19	1
1,2-Dichloroethane	ND		1.0		ug/L			05/15/14 02:19	1
Benzene	ND		1.0		ug/L			05/15/14 02:19	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/15/14 02:19	1
Tetrachloroethene	ND		1.0		ug/L			05/15/14 02:19	1
Toluene	ND		1.0		ug/L			05/15/14 02:19	1
Trichloroethene	ND		1.0		ug/L			05/15/14 02:19	1
Vinyl chloride	ND		1.0		ug/L			05/15/14 02:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		05/15/14 02:19	1
4-Bromofluorobenzene (Surr)	79		66 - 120		05/15/14 02:19	1
Toluene-d8 (Surr)	93		74 - 120		05/15/14 02:19	1
Dibromofluoromethane (Surr)	91		75 - 121		05/15/14 02:19	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 18:34	1
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 18:34	1
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 18:34	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	^	0.020		mg/L			05/07/14 12:10	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 240-36960-15**

**Date Collected: 05/06/14 00:00**

**Matrix: Water**

**Date Received: 05/07/14 11:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 20:24	1
1,1,1-Trichloroethane	ND		1.0		ug/L			05/20/14 13:31	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/15/14 02:41	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/16/14 17:21	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 20:42	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 20:24	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 13:31	1
1,1-Dichloroethene	ND		1.0		ug/L			05/15/14 02:41	1
1,1-Dichloroethene	ND		1.0		ug/L			05/16/14 17:21	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 20:42	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 20:24	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 13:31	1
1,2-Dichloroethane	ND		1.0		ug/L			05/15/14 02:41	1
1,2-Dichloroethane	ND		1.0		ug/L			05/16/14 17:21	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 20:42	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 20:24	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 13:31	1
Benzene	ND		1.0		ug/L			05/15/14 02:41	1
Benzene	ND		1.0		ug/L			05/16/14 17:21	1
Benzene	ND		1.0		ug/L			05/20/14 20:42	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 20:24	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 13:31	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/15/14 02:41	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/16/14 17:21	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 20:42	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 20:24	1
1,2-Dichloropropane	ND		1.0		ug/L			05/20/14 13:31	1
Tetrachloroethene	ND		1.0		ug/L			05/15/14 02:41	1
Tetrachloroethene	ND		1.0		ug/L			05/16/14 17:21	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 20:42	1
Acetone	ND		10		ug/L			05/17/14 20:24	1
Acetone	ND		10		ug/L			05/20/14 13:31	1
Toluene	ND		1.0		ug/L			05/15/14 02:41	1
Toluene	ND		1.0		ug/L			05/16/14 17:21	1
Toluene	ND		1.0		ug/L			05/20/14 20:42	1
Benzene	ND		1.0		ug/L			05/17/14 20:24	1
Benzene	ND		1.0		ug/L			05/20/14 13:31	1
Trichloroethene	ND		1.0		ug/L			05/15/14 02:41	1
Trichloroethene	ND		1.0		ug/L			05/16/14 17:21	1
Trichloroethene	ND		1.0		ug/L			05/20/14 20:42	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 20:24	1
Carbon disulfide	ND		1.0		ug/L			05/20/14 13:31	1
Vinyl chloride	ND		1.0		ug/L			05/15/14 02:41	1
Vinyl chloride	ND		1.0		ug/L			05/16/14 17:21	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 20:42	1
Chloroethane	ND		1.0		ug/L			05/17/14 20:24	1
Chloroethane	ND	*	1.0		ug/L			05/20/14 13:31	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 20:24	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 13:31	1

TestAmerica Canton

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 240-36960-15**

Date Collected: 05/06/14 00:00

Matrix: Water

Date Received: 05/07/14 11:20

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0		ug/L			05/17/14 20:24	1
Ethylbenzene	ND		1.0		ug/L			05/20/14 13:31	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 20:24	1
Methylene Chloride	ND		1.0		ug/L			05/20/14 13:31	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 20:24	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 13:31	1
Toluene	ND		1.0		ug/L			05/17/14 20:24	1
Toluene	ND		1.0		ug/L			05/20/14 13:31	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 20:24	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 13:31	1
Trichloroethene	ND		1.0		ug/L			05/17/14 20:24	1
Trichloroethene	ND		1.0		ug/L			05/20/14 13:31	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 20:24	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 13:31	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 20:24	1
Xylenes, Total	ND		2.0		ug/L			05/20/14 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		63 - 129		05/15/14 02:41	1
1,2-Dichloroethane-d4 (Surr)	106		63 - 129		05/16/14 17:21	1
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		05/17/14 20:24	1
1,2-Dichloroethane-d4 (Surr)	109		63 - 129		05/20/14 13:31	1
1,2-Dichloroethane-d4 (Surr)	89		63 - 129		05/20/14 20:42	1
4-Bromofluorobenzene (Surr)	80		66 - 120		05/15/14 02:41	1
4-Bromofluorobenzene (Surr)	88		66 - 120		05/16/14 17:21	1
4-Bromofluorobenzene (Surr)	95		66 - 120		05/17/14 20:24	1
4-Bromofluorobenzene (Surr)	83		66 - 120		05/20/14 13:31	1
4-Bromofluorobenzene (Surr)	74		66 - 120		05/20/14 20:42	1
Toluene-d8 (Surr)	93		74 - 120		05/15/14 02:41	1
Toluene-d8 (Surr)	91		74 - 120		05/16/14 17:21	1
Toluene-d8 (Surr)	92		74 - 120		05/20/14 20:42	1
Dibromofluoromethane (Surr)	89		75 - 121		05/15/14 02:41	1
Dibromofluoromethane (Surr)	103		75 - 121		05/16/14 17:21	1
Dibromofluoromethane (Surr)	89		75 - 121		05/20/14 20:42	1
Toluene-d8 (Surr)	85		74 - 120		05/17/14 20:24	1
Toluene-d8 (Surr)	82		74 - 120		05/20/14 13:31	1
Dibromofluoromethane (Surr)	101		75 - 121		05/17/14 20:24	1
Dibromofluoromethane (Surr)	109		75 - 121		05/20/14 13:31	1

TestAmerica Canton

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-45-2014-S**

**Lab Sample ID: 240-37050-1**

**Date Collected: 05/07/14 10:50**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1000		ug/L			05/16/14 15:03	1000
1,1-Dichloroethene	ND		1000		ug/L			05/16/14 15:03	1000
1,2-Dichloroethane	ND		1000		ug/L			05/16/14 15:03	1000
Benzene	ND		1000		ug/L			05/16/14 15:03	1000
<b>cis-1,2-Dichloroethene</b>	<b>19000</b>		1000		ug/L			05/16/14 15:03	1000
Tetrachloroethene	ND		1000		ug/L			05/16/14 15:03	1000
Toluene	ND		1000		ug/L			05/16/14 15:03	1000
<b>Trichloroethene</b>	<b>13000</b>		1000		ug/L			05/16/14 15:03	1000
<b>Vinyl chloride</b>	<b>1900</b>		1000		ug/L			05/16/14 15:03	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		05/16/14 15:03	1000
4-Bromofluorobenzene (Surr)	93		66 - 120		05/16/14 15:03	1000
Toluene-d8 (Surr)	89		74 - 120		05/16/14 15:03	1000
Dibromofluoromethane (Surr)	103		75 - 121		05/16/14 15:03	1000

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 19:48	1
<b>Chromium</b>	<b>350</b>		5.0		ug/L		05/09/14 07:15	05/12/14 19:48	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 19:48	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Cr (VI)</b>	<b>0.38</b>		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-46-2014-S**

**Lab Sample ID: 240-37050-2**

**Date Collected: 05/07/14 11:35**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		200		ug/L			05/14/14 12:34	200
1,1-Dichloroethene	ND		200		ug/L			05/14/14 12:34	200
1,2-Dichloroethane	ND		200		ug/L			05/14/14 12:34	200
Benzene	ND		200		ug/L			05/14/14 12:34	200
<b>cis-1,2-Dichloroethene</b>	<b>3000</b>		200		ug/L			05/14/14 12:34	200
Tetrachloroethene	ND		200		ug/L			05/14/14 12:34	200
Toluene	ND		200		ug/L			05/14/14 12:34	200
<b>Trichloroethene</b>	<b>6300</b>		200		ug/L			05/14/14 12:34	200
Vinyl chloride	ND		200		ug/L			05/14/14 12:34	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		63 - 129		05/14/14 12:34	200
4-Bromofluorobenzene (Surr)	79		66 - 120		05/14/14 12:34	200
Toluene-d8 (Surr)	89		74 - 120		05/14/14 12:34	200
Dibromofluoromethane (Surr)	85		75 - 121		05/14/14 12:34	200

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:16	1
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 20:16	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:16	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-47-2014-S**

**Lab Sample ID: 240-37050-3**

**Date Collected: 05/07/14 08:30**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:20	1
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 20:20	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:20	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			05/08/14 09:53	1



# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-48-2014-S**

**Lab Sample ID: 240-37050-4**

Date Collected: 05/07/14 09:20

Matrix: Water

Date Received: 05/08/14 08:00

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	74		10		ug/L		05/09/14 07:15	05/12/14 20:24	1
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 20:24	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:24	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1



# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-51-2014-S**

**Lab Sample ID: 240-37050-5**

**Date Collected: 05/07/14 09:50**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		500		ug/L			05/16/14 15:52	500
1,1-Dichloroethene	ND		500		ug/L			05/16/14 15:52	500
1,2-Dichloroethane	ND		500		ug/L			05/16/14 15:52	500
Benzene	ND		500		ug/L			05/16/14 15:52	500
<b>cis-1,2-Dichloroethene</b>	<b>1500</b>		500		ug/L			05/16/14 15:52	500
Tetrachloroethene	ND		500		ug/L			05/16/14 15:52	500
Toluene	ND		500		ug/L			05/16/14 15:52	500
<b>Trichloroethene</b>	<b>7900</b>		500		ug/L			05/16/14 15:52	500
Vinyl chloride	ND		500		ug/L			05/16/14 15:52	500
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	102		63 - 129					05/16/14 15:52	500
4-Bromofluorobenzene (Surr)	93		66 - 120					05/16/14 15:52	500
Toluene-d8 (Surr)	89		74 - 120					05/16/14 15:52	500
Dibromofluoromethane (Surr)	103		75 - 121					05/16/14 15:52	500

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:28	1
<b>Chromium</b>	<b>51</b>		5.0		ug/L		05/09/14 07:15	05/12/14 20:28	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:28	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Cr (VI)</b>	<b>0.062</b>		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-52-2014-S**

**Lab Sample ID: 240-37050-6**

**Date Collected: 05/07/14 09:05**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		500		ug/L			05/16/14 16:14	500
1,1-Dichloroethene	ND		500		ug/L			05/16/14 16:14	500
1,2-Dichloroethane	ND		500		ug/L			05/16/14 16:14	500
Benzene	ND		500		ug/L			05/16/14 16:14	500
<b>cis-1,2-Dichloroethene</b>	<b>1100</b>		500		ug/L			05/16/14 16:14	500
Tetrachloroethene	ND		500		ug/L			05/16/14 16:14	500
Toluene	ND		500		ug/L			05/16/14 16:14	500
<b>Trichloroethene</b>	<b>4200</b>		500		ug/L			05/16/14 16:14	500
Vinyl chloride	ND		500		ug/L			05/16/14 16:14	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		05/16/14 16:14	500
4-Bromofluorobenzene (Surr)	87		66 - 120		05/16/14 16:14	500
Toluene-d8 (Surr)	92		74 - 120		05/16/14 16:14	500
Dibromofluoromethane (Surr)	106		75 - 121		05/16/14 16:14	500

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:32	1
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 20:32	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:32	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-12-2014-S**

**Lab Sample ID: 240-37050-7**

**Date Collected: 05/07/14 15:30**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/16/14 16:36	1
1,1-Dichloroethene	ND		1.0		ug/L			05/16/14 16:36	1
1,2-Dichloroethane	ND		1.0		ug/L			05/16/14 16:36	1
Benzene	ND		1.0		ug/L			05/16/14 16:36	1
<b>cis-1,2-Dichloroethene</b>	<b>9.2</b>		1.0		ug/L			05/16/14 16:36	1
Tetrachloroethene	ND		1.0		ug/L			05/16/14 16:36	1
Toluene	ND		1.0		ug/L			05/16/14 16:36	1
Trichloroethene	ND		1.0		ug/L			05/16/14 16:36	1
Vinyl chloride	ND		1.0		ug/L			05/16/14 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 129		05/16/14 16:36	1
4-Bromofluorobenzene (Surr)	87		66 - 120		05/16/14 16:36	1
Toluene-d8 (Surr)	92		74 - 120		05/16/14 16:36	1
Dibromofluoromethane (Surr)	104		75 - 121		05/16/14 16:36	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:36	1
<b>Chromium</b>	<b>5.3</b>		5.0		ug/L		05/09/14 07:15	05/12/14 20:36	1
<b>Lead</b>	<b>3.9</b>		3.0		ug/L		05/09/14 07:15	05/12/14 20:36	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-20-2014-S**

**Lab Sample ID: 240-37050-8**

**Date Collected: 05/07/14 15:40**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		17		ug/L			05/21/14 13:47	16.67
1,1-Dichloroethene	ND		17		ug/L			05/21/14 13:47	16.67
1,2-Dichloroethane	ND		17		ug/L			05/21/14 13:47	16.67
Benzene	ND		17		ug/L			05/21/14 13:47	16.67
<b>cis-1,2-Dichloroethene</b>	<b>390</b>		17		ug/L			05/21/14 13:47	16.67
Tetrachloroethene	ND		17		ug/L			05/21/14 13:47	16.67
Toluene	ND		17		ug/L			05/21/14 13:47	16.67
<b>Trichloroethene</b>	<b>370</b>		17		ug/L			05/21/14 13:47	16.67
Vinyl chloride	ND		17		ug/L			05/21/14 13:47	16.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		05/21/14 13:47	16.67
4-Bromofluorobenzene (Surr)	81		66 - 120		05/21/14 13:47	16.67
Toluene-d8 (Surr)	91		74 - 120		05/21/14 13:47	16.67
Dibromofluoromethane (Surr)	101		75 - 121		05/21/14 13:47	16.67

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:40	1
<b>Chromium</b>	<b>5.1</b>		5.0		ug/L		05/09/14 07:15	05/12/14 20:40	1
<b>Lead</b>	<b>6.7</b>		3.0		ug/L		05/09/14 07:15	05/12/14 20:40	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-201-2014-S**

**Lab Sample ID: 240-37050-9**

**Date Collected: 05/07/14 16:00**

**Matrix: Water**

**Date Received: 05/08/14 08:00**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/16/14 16:59	1
1,1-Dichloroethene	ND		1.0		ug/L			05/16/14 16:59	1
1,2-Dichloroethane	ND		1.0		ug/L			05/16/14 16:59	1
Benzene	ND		1.0		ug/L			05/16/14 16:59	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/16/14 16:59	1
Tetrachloroethene	ND		1.0		ug/L			05/16/14 16:59	1
Toluene	ND		1.0		ug/L			05/16/14 16:59	1
Trichloroethene	ND		1.0		ug/L			05/16/14 16:59	1
Vinyl chloride	ND		1.0		ug/L			05/16/14 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 129		05/16/14 16:59	1
4-Bromofluorobenzene (Surr)	86		66 - 120		05/16/14 16:59	1
Toluene-d8 (Surr)	90		74 - 120		05/16/14 16:59	1
Dibromofluoromethane (Surr)	103		75 - 121		05/16/14 16:59	1

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 20:44	1
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 20:44	1
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 20:44	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-5-2014-S**

**Lab Sample ID: 240-37110-1**

Date Collected: 05/08/14 09:30

Matrix: Water

Date Received: 05/09/14 08:00

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.20		0.020		mg/L			05/09/14 08:15	1

1

2

3

4

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-4-2014-S**

**Lab Sample ID: 240-37110-2**

**Date Collected: 05/08/14 10:00**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:30	1

1

2

3

4

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-2-2014-S**

**Lab Sample ID: 240-37110-3**

**Date Collected: 05/08/14 10:30**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:34	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-1-2014-S**

**Lab Sample ID: 240-37110-4**

**Date Collected: 05/08/14 11:00**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:38	1

1

2

3

4

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6

7

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-02-2014-S**

**Lab Sample ID: 240-37110-5**

Date Collected: 05/08/14 09:00

Matrix: Water

Date Received: 05/09/14 08:00

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.023		0.020		mg/L			05/09/14 08:27	1

1

2

3

4

5

6

7

8

9

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11

12

13

14

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-17-2014-S**

**Lab Sample ID: 240-37110-6**

**Date Collected: 05/08/14 13:10**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:58	1

1

2

3

4

5

6

7

8

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12

13

14

15

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-9-2014-S**

**Lab Sample ID: 240-37110-7**

**Date Collected: 05/08/14 13:50**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:01	1

1

2

3

4

5

6

7

8

9

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12

13

14

15

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-19-2014-S**

**Lab Sample ID: 240-37110-8**

**Date Collected: 05/08/14 15:15**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:09	1

1

2

3

4

5

6

7

8

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10

11

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13

14

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-12-2014-S**

**Lab Sample ID: 240-37110-9**

**Date Collected: 05/08/14 15:40**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:13	1

1

2

3

4

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13

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-22-2014-S**

**Lab Sample ID: 240-37110-10**

**Date Collected: 05/08/14 16:05**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:05	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-03-SN-2014S**

**Lab Sample ID: 240-37110-11**

**Date Collected: 05/08/14 12:00**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:46	1

1

2

3

4

5

6

7

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-301-GW**

**Lab Sample ID: 240-37110-12**

**Date Collected: 05/08/14 11:30**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:42	1

1

2

3

4

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-302-SW**

**Lab Sample ID: 240-37110-13**

**Date Collected: 05/08/14 16:20**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:29	1

1

2

3

4

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-303-SD**

**Lab Sample ID: 240-37110-14**

**Date Collected: 05/08/14 16:30**

**Matrix: Water**

**Date Received: 05/09/14 08:00**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 09:25	1

1

2

3

4

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# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-17-2014-S**

**Lab Sample ID: 240-37110-15**

**Date Collected: 05/08/14 13:15**

**Matrix: Solid**

**Date Received: 05/09/14 08:00**

**Percent Solids: 80.3**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.1		mg/Kg	☼	05/13/14 12:00	05/14/14 19:43	1
<b>Chromium</b>	<b>11</b>		0.53		mg/Kg	☼	05/13/14 12:00	05/14/14 19:43	1
<b>Lead</b>	<b>2.2</b>		0.32		mg/Kg	☼	05/13/14 12:00	05/14/14 19:43	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.0		mg/Kg	☼	05/14/14 09:42	05/16/14 15:58	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-9-2014-S**

**Lab Sample ID: 240-37110-16**

Date Collected: 05/08/14 14:00

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 77.7

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.1		mg/Kg	☼	05/13/14 12:00	05/14/14 19:55	1
<b>Chromium</b>	<b>0.94</b>		0.54		mg/Kg	☼	05/13/14 12:00	05/14/14 19:55	1
<b>Lead</b>	<b>1.1</b>		0.32		mg/Kg	☼	05/13/14 12:00	05/14/14 19:55	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.0		mg/Kg	☼	05/14/14 09:42	05/16/14 16:02	1



# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-4-2014-S**

**Lab Sample ID: 240-37110-17**

Date Collected: 05/08/14 15:20

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 82.1

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.0		0.82		mg/Kg	☼	05/13/14 12:00	05/14/14 19:59	1
Chromium	2.0		0.41		mg/Kg	☼	05/13/14 12:00	05/14/14 19:59	1
Lead	1.3		0.25		mg/Kg	☼	05/13/14 12:00	05/14/14 19:59	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.97		mg/Kg	☼	05/14/14 09:42	05/16/14 16:04	1



# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-12-2014-S**

**Lab Sample ID: 240-37110-18**

**Date Collected: 05/08/14 15:45**

**Matrix: Solid**

**Date Received: 05/09/14 08:00**

**Percent Solids: 75.4**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.2		mg/Kg	☼	05/13/14 12:00	05/14/14 19:20	1
<b>Chromium</b>	<b>1.2</b>		0.62		mg/Kg	☼	05/13/14 12:00	05/14/14 19:20	1
<b>Lead</b>	<b>1.3</b>		0.37		mg/Kg	☼	05/13/14 12:00	05/14/14 19:20	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.1		mg/Kg	☼	05/14/14 09:42	05/16/14 16:08	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-7-2014-S**

**Lab Sample ID: 240-37110-19**

**Date Collected: 05/08/14 16:10**

**Matrix: Solid**

**Date Received: 05/09/14 08:00**

**Percent Solids: 78.9**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.2		mg/Kg	☼	05/13/14 12:00	05/14/14 20:03	1
<b>Chromium</b>	<b>0.66</b>		0.58		mg/Kg	☼	05/13/14 12:00	05/14/14 20:03	1
<b>Lead</b>	<b>0.93</b>		0.35		mg/Kg	☼	05/13/14 12:00	05/14/14 20:03	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.0		mg/Kg	☼	05/14/14 09:42	05/16/14 16:11	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-04-SD-2014S**

**Lab Sample ID: 240-37110-20**

**Date Collected: 05/08/14 12:15**

**Matrix: Solid**

**Date Received: 05/09/14 08:00**

**Percent Solids: 79.4**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.1		mg/Kg	☼	05/13/14 12:00	05/14/14 20:07	1
<b>Chromium</b>	<b>0.71</b>		0.53		mg/Kg	☼	05/13/14 12:00	05/14/14 20:07	1
<b>Lead</b>	<b>0.77</b>		0.32		mg/Kg	☼	05/13/14 12:00	05/14/14 20:07	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.0		mg/Kg	☼	05/14/14 09:42	05/16/14 16:17	1



# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-5-2014-S**

**Lab Sample ID: 240-37135-1**

Date Collected: 05/08/14 09:30

Matrix: Water

Date Received: 05/09/14 10:00

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Bis(2-ethylhexyl) phthalate</b>	<b>6.3</b>		2.0		ug/L		05/10/14 11:31	05/21/14 15:42	1
2-Methylnaphthalene	ND		0.20		ug/L		05/10/14 11:31	05/21/14 15:42	1
Naphthalene	ND		0.20		ug/L		05/10/14 11:31	05/21/14 15:42	1
Pentachlorophenol	ND		40		ug/L		05/10/14 11:31	05/21/14 15:42	1
1,2,4,5-Tetrachlorobenzene	ND		1.0		ug/L		05/10/14 11:31	05/21/14 15:42	1
<b>1,2,4-Trichlorobenzene</b>	<b>1.0</b>		1.0		ug/L		05/10/14 11:31	05/21/14 15:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	61		29 - 110	05/10/14 11:31	05/21/14 15:42	1
2-Fluorophenol (Surr)	63		15 - 110	05/10/14 11:31	05/21/14 15:42	1
2,4,6-Tribromophenol (Surr)	58		21 - 128	05/10/14 11:31	05/21/14 15:42	1
Nitrobenzene-d5 (Surr)	65		31 - 110	05/10/14 11:31	05/21/14 15:42	1
Phenol-d5 (Surr)	68		10 - 110	05/10/14 11:31	05/21/14 15:42	1
Terphenyl-d14 (Surr)	78		31 - 115	05/10/14 11:31	05/21/14 15:42	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 19:04	1
<b>Chromium</b>	<b>33</b>		5.0		ug/L		05/14/14 10:52	05/15/14 19:04	1
<b>Lead</b>	<b>3.4</b>		3.0		ug/L		05/14/14 10:52	05/15/14 19:04	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 19:04	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-4-2014-S**

**Lab Sample ID: 240-37135-2**

Date Collected: 05/08/14 10:00

Matrix: Water

Date Received: 05/09/14 10:00

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Bis(2-ethylhexyl) phthalate</b>	<b>9.4</b>		2.2		ug/L		05/10/14 11:31	05/21/14 16:52	1
2-Methylnaphthalene	ND		0.22		ug/L		05/10/14 11:31	05/21/14 16:52	1
Naphthalene	ND		0.22		ug/L		05/10/14 11:31	05/21/14 16:52	1
Pentachlorophenol	ND		43		ug/L		05/10/14 11:31	05/21/14 16:52	1
1,2,4,5-Tetrachlorobenzene	ND		1.1		ug/L		05/10/14 11:31	05/21/14 16:52	1
1,2,4-Trichlorobenzene	ND		1.1		ug/L		05/10/14 11:31	05/21/14 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	52		29 - 110	05/10/14 11:31	05/21/14 16:52	1
2-Fluorophenol (Surr)	49		15 - 110	05/10/14 11:31	05/21/14 16:52	1
2,4,6-Tribromophenol (Surr)	54		21 - 128	05/10/14 11:31	05/21/14 16:52	1
Nitrobenzene-d5 (Surr)	53		31 - 110	05/10/14 11:31	05/21/14 16:52	1
Phenol-d5 (Surr)	48		10 - 110	05/10/14 11:31	05/21/14 16:52	1
Terphenyl-d14 (Surr)	59		31 - 115	05/10/14 11:31	05/21/14 16:52	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>10</b>		10		ug/L		05/14/14 10:52	05/15/14 19:51	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 19:51	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 19:51	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 19:51	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-2-2014-S**

**Lab Sample ID: 240-37135-3**

**Date Collected: 05/08/14 10:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		2.2		ug/L		05/12/14 07:45	05/21/14 15:19	1
2-Methylnaphthalene	ND		0.22		ug/L		05/12/14 07:45	05/21/14 15:19	1
Naphthalene	ND		0.22		ug/L		05/12/14 07:45	05/21/14 15:19	1
Pentachlorophenol	ND		43		ug/L		05/12/14 07:45	05/21/14 15:19	1
1,2,4,5-Tetrachlorobenzene	ND		1.1		ug/L		05/12/14 07:45	05/21/14 15:19	1
<b>1,2,4-Trichlorobenzene</b>	<b>18</b>		1.1		ug/L		05/12/14 07:45	05/21/14 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	61		29 - 110	05/12/14 07:45	05/21/14 15:19	1
2-Fluorophenol (Surr)	61		15 - 110	05/12/14 07:45	05/21/14 15:19	1
2,4,6-Tribromophenol (Surr)	58		21 - 128	05/12/14 07:45	05/21/14 15:19	1
Nitrobenzene-d5 (Surr)	68		31 - 110	05/12/14 07:45	05/21/14 15:19	1
Phenol-d5 (Surr)	66		10 - 110	05/12/14 07:45	05/21/14 15:19	1
Terphenyl-d14 (Surr)	79		31 - 115	05/12/14 07:45	05/21/14 15:19	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 19:55	1
<b>Chromium</b>	<b>330</b>		5.0		ug/L		05/14/14 10:52	05/15/14 19:55	1
<b>Lead</b>	<b>5.4</b>		3.0		ug/L		05/14/14 10:52	05/15/14 19:55	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 19:55	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-1-2014-S**

**Lab Sample ID: 240-37135-4**

**Date Collected: 05/08/14 11:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 19:59	1
<b>Chromium</b>	<b>6.6</b>		5.0		ug/L		05/14/14 10:52	05/15/14 19:59	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 19:59	1

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# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-02-2014-S**

**Lab Sample ID: 240-37135-5**

Date Collected: 05/08/14 09:00

Matrix: Water

Date Received: 05/09/14 10:00

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		2.2		ug/L		05/12/14 07:45	05/21/14 14:55	1
2-Methylnaphthalene	ND		0.22		ug/L		05/12/14 07:45	05/21/14 14:55	1
Naphthalene	ND		0.22		ug/L		05/12/14 07:45	05/21/14 14:55	1
Pentachlorophenol	ND		43		ug/L		05/12/14 07:45	05/21/14 14:55	1
1,2,4,5-Tetrachlorobenzene	ND		1.1		ug/L		05/12/14 07:45	05/21/14 14:55	1
<b>1,2,4-Trichlorobenzene</b>	<b>18</b>		1.1		ug/L		05/12/14 07:45	05/21/14 14:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	58		29 - 110	05/12/14 07:45	05/21/14 14:55	1
2-Fluorophenol (Surr)	57		15 - 110	05/12/14 07:45	05/21/14 14:55	1
2,4,6-Tribromophenol (Surr)	54		21 - 128	05/12/14 07:45	05/21/14 14:55	1
Nitrobenzene-d5 (Surr)	65		31 - 110	05/12/14 07:45	05/21/14 14:55	1
Phenol-d5 (Surr)	60		10 - 110	05/12/14 07:45	05/21/14 14:55	1
Terphenyl-d14 (Surr)	75		31 - 115	05/12/14 07:45	05/21/14 14:55	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/16/14 14:27	1
<b>Chromium</b>	<b>320</b>		5.0		ug/L		05/14/14 10:52	05/16/14 14:27	1
<b>Lead</b>	<b>4.1</b>		3.0		ug/L		05/14/14 10:52	05/16/14 14:27	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/16/14 14:27	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-17-2014-S**

**Lab Sample ID: 240-37135-6**

**Date Collected: 05/08/14 13:10**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:15	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:15	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:15	1

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-9-2014-S**

**Lab Sample ID: 240-37135-7**

**Date Collected: 05/08/14 13:50**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:19	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:19	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:19	1

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-19-2014-S**

**Lab Sample ID: 240-37135-8**

**Date Collected: 05/08/14 15:15**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:23	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:23	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:23	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-12-2014-S**

**Lab Sample ID: 240-37135-9**

**Date Collected: 05/08/14 15:40**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 19:31	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 19:31	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 19:31	1

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-22-2014-S**

**Lab Sample ID: 240-37135-10**

**Date Collected: 05/08/14 16:05**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:27	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:27	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:27	1

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-03-SW-2014-S**

**Lab Sample ID: 240-37135-11**

**Date Collected: 05/08/14 12:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:31	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:31	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:31	1

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-301-GW**

**Lab Sample ID: 240-37135-12**

**Date Collected: 05/08/14 11:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		2.1		ug/L		05/12/14 07:45	05/21/14 14:32	1
2-Methylnaphthalene	ND		0.21		ug/L		05/12/14 07:45	05/21/14 14:32	1
Naphthalene	ND		0.21		ug/L		05/12/14 07:45	05/21/14 14:32	1
Pentachlorophenol	ND		42		ug/L		05/12/14 07:45	05/21/14 14:32	1
1,2,4,5-Tetrachlorobenzene	ND		1.0		ug/L		05/12/14 07:45	05/21/14 14:32	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L		05/12/14 07:45	05/21/14 14:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	61		29 - 110	05/12/14 07:45	05/21/14 14:32	1
2-Fluorophenol (Surr)	66		15 - 110	05/12/14 07:45	05/21/14 14:32	1
2,4,6-Tribromophenol (Surr)	50		21 - 128	05/12/14 07:45	05/21/14 14:32	1
Nitrobenzene-d5 (Surr)	70		31 - 110	05/12/14 07:45	05/21/14 14:32	1
Phenol-d5 (Surr)	62		10 - 110	05/12/14 07:45	05/21/14 14:32	1
Terphenyl-d14 (Surr)	81		31 - 115	05/12/14 07:45	05/21/14 14:32	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:35	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:35	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:35	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:35	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-302-SW**

**Lab Sample ID: 240-37135-13**

**Date Collected: 05/08/14 16:20**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:39	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:39	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:39	1

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-303-SD**

**Lab Sample ID: 240-37135-14**

**Date Collected: 05/08/14 16:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 20:43	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 20:43	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 20:43	1

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-5-2014-S**

**Lab Sample ID: 240-37154-1**

**Date Collected: 05/08/14 09:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.7		ug/L			05/17/14 19:35	6.67
1,1,2-Trichloroethane	ND		6.7		ug/L			05/17/14 19:35	6.67
1,1-Dichloroethane	ND		6.7		ug/L			05/17/14 19:35	6.67
1,1-Dichloroethene	ND		6.7		ug/L			05/17/14 19:35	6.67
1,2-Dichloroethane	ND		6.7		ug/L			05/17/14 19:35	6.67
1,2-Dichloropropane	ND		6.7		ug/L			05/17/14 19:35	6.67
Acetone	ND		6.7		ug/L			05/17/14 19:35	6.67
Benzene	ND		6.7		ug/L			05/17/14 19:35	6.67
Carbon disulfide	ND		6.7		ug/L			05/17/14 19:35	6.67
Chloroethane	ND		6.7		ug/L			05/17/14 19:35	6.67
<b>cis-1,2-Dichloroethene</b>	<b>210</b>		6.7		ug/L			05/17/14 19:35	6.67
Ethylbenzene	ND		6.7		ug/L			05/17/14 19:35	6.67
Methylene Chloride	ND		6.7		ug/L			05/17/14 19:35	6.67
Tetrachloroethene	ND		6.7		ug/L			05/17/14 19:35	6.67
Toluene	ND		6.7		ug/L			05/17/14 19:35	6.67
trans-1,2-Dichloroethene	ND		6.7		ug/L			05/17/14 19:35	6.67
<b>Trichloroethene</b>	<b>150</b>		6.7		ug/L			05/17/14 19:35	6.67
<b>Vinyl chloride</b>	<b>16</b>		6.7		ug/L			05/17/14 19:35	6.67
Xylenes, Total	ND		13		ug/L			05/17/14 19:35	6.67
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		63 - 129					05/17/14 19:35	6.67
4-Bromofluorobenzene (Surr)	80		66 - 120					05/17/14 19:35	6.67
Toluene-d8 (Surr)	92		74 - 120					05/17/14 19:35	6.67
Dibromofluoromethane (Surr)	85		75 - 121					05/17/14 19:35	6.67

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-4-2014-S**

**Lab Sample ID: 240-37154-2**

**Date Collected: 05/08/14 10:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100		ug/L			05/17/14 17:15	100
1,1,2-Trichloroethane	ND		100		ug/L			05/17/14 17:15	100
1,1-Dichloroethane	ND		100		ug/L			05/17/14 17:15	100
1,1-Dichloroethene	ND		100		ug/L			05/17/14 17:15	100
1,2-Dichloroethane	ND		100		ug/L			05/17/14 17:15	100
1,2-Dichloropropane	ND		100		ug/L			05/17/14 17:15	100
Acetone	ND		1000		ug/L			05/17/14 17:15	100
Benzene	ND		100		ug/L			05/17/14 17:15	100
Carbon disulfide	ND		100		ug/L			05/17/14 17:15	100
Chloroethane	ND		100		ug/L			05/17/14 17:15	100
<b>cis-1,2-Dichloroethene</b>	<b>2100</b>		100		ug/L			05/17/14 17:15	100
Ethylbenzene	ND		100		ug/L			05/17/14 17:15	100
Methylene Chloride	ND		100		ug/L			05/17/14 17:15	100
Tetrachloroethene	ND		100		ug/L			05/17/14 17:15	100
Toluene	ND		100		ug/L			05/17/14 17:15	100
<b>trans-1,2-Dichloroethene</b>	<b>120</b>		100		ug/L			05/17/14 17:15	100
<b>Trichloroethene</b>	<b>130</b>		100		ug/L			05/17/14 17:15	100
Vinyl chloride	ND		100		ug/L			05/17/14 17:15	100
Xylenes, Total	ND		200		ug/L			05/17/14 17:15	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129					05/17/14 17:15	100
4-Bromofluorobenzene (Surr)	79		66 - 120					05/17/14 17:15	100
Toluene-d8 (Surr)	93		74 - 120					05/17/14 17:15	100
Dibromofluoromethane (Surr)	87		75 - 121					05/17/14 17:15	100

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-2-2014-S**

**Lab Sample ID: 240-37154-3**

**Date Collected: 05/08/14 10:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		500		ug/L			05/19/14 20:10	500
1,1,2-Trichloroethane	ND		500		ug/L			05/19/14 20:10	500
1,1-Dichloroethane	ND		500		ug/L			05/19/14 20:10	500
1,1-Dichloroethene	ND		500		ug/L			05/19/14 20:10	500
1,2-Dichloroethane	ND		500		ug/L			05/19/14 20:10	500
1,2-Dichloropropane	ND		500		ug/L			05/19/14 20:10	500
Acetone	ND		5000		ug/L			05/19/14 20:10	500
Benzene	ND		500		ug/L			05/19/14 20:10	500
Carbon disulfide	ND		500		ug/L			05/19/14 20:10	500
Chloroethane	ND		500		ug/L			05/19/14 20:10	500
<b>cis-1,2-Dichloroethene</b>	<b>16000</b>		500		ug/L			05/19/14 20:10	500
Ethylbenzene	ND		500		ug/L			05/19/14 20:10	500
Methylene Chloride	ND		500		ug/L			05/19/14 20:10	500
Tetrachloroethene	ND		500		ug/L			05/19/14 20:10	500
Toluene	ND		500		ug/L			05/19/14 20:10	500
trans-1,2-Dichloroethene	ND		500		ug/L			05/19/14 20:10	500
<b>Trichloroethene</b>	<b>4600</b>		500		ug/L			05/19/14 20:10	500
Vinyl chloride	ND		500		ug/L			05/19/14 20:10	500
Xylenes, Total	ND		1000		ug/L			05/19/14 20:10	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		63 - 129					05/19/14 20:10	500
4-Bromofluorobenzene (Surr)	82		66 - 120					05/19/14 20:10	500
Toluene-d8 (Surr)	86		74 - 120					05/19/14 20:10	500
Dibromofluoromethane (Surr)	85		75 - 121					05/19/14 20:10	500

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: RT-1-2014-S**

**Lab Sample ID: 240-37154-4**

**Date Collected: 05/08/14 11:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0		ug/L			05/17/14 18:02	5
1,1-Dichloroethene	ND		5.0		ug/L			05/17/14 18:02	5
1,2-Dichloroethane	ND		5.0		ug/L			05/17/14 18:02	5
Benzene	ND		5.0		ug/L			05/17/14 18:02	5
<b>cis-1,2-Dichloroethene</b>	<b>49</b>		5.0		ug/L			05/17/14 18:02	5
Tetrachloroethene	ND		5.0		ug/L			05/17/14 18:02	5
Toluene	ND		5.0		ug/L			05/17/14 18:02	5
<b>Trichloroethene</b>	<b>140</b>		5.0		ug/L			05/17/14 18:02	5
Vinyl chloride	ND		5.0		ug/L			05/17/14 18:02	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	79		63 - 129					05/17/14 18:02	5
4-Bromofluorobenzene (Surr)	79		66 - 120					05/17/14 18:02	5
Toluene-d8 (Surr)	93		74 - 120					05/17/14 18:02	5
Dibromofluoromethane (Surr)	86		75 - 121					05/17/14 18:02	5

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-02-2014-S**

**Lab Sample ID: 240-37154-5**

**Date Collected: 05/08/14 09:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		500		ug/L			05/20/14 12:08	500
1,1,2-Trichloroethane	ND		500		ug/L			05/20/14 12:08	500
1,1-Dichloroethane	ND		500		ug/L			05/20/14 12:08	500
1,1-Dichloroethene	ND		500		ug/L			05/20/14 12:08	500
1,2-Dichloroethane	ND		500		ug/L			05/20/14 12:08	500
1,2-Dichloropropane	ND		500		ug/L			05/20/14 12:08	500
Acetone	ND		5000		ug/L			05/20/14 12:08	500
Benzene	ND		500		ug/L			05/20/14 12:08	500
Carbon disulfide	ND		500		ug/L			05/20/14 12:08	500
Chloroethane	ND		500		ug/L			05/20/14 12:08	500
<b>cis-1,2-Dichloroethene</b>	<b>15000</b>		500		ug/L			05/20/14 12:08	500
Ethylbenzene	ND		500		ug/L			05/20/14 12:08	500
Methylene Chloride	ND		500		ug/L			05/20/14 12:08	500
Tetrachloroethene	ND		500		ug/L			05/20/14 12:08	500
Toluene	ND		500		ug/L			05/20/14 12:08	500
trans-1,2-Dichloroethene	ND		500		ug/L			05/20/14 12:08	500
<b>Trichloroethene</b>	<b>4400</b>		500		ug/L			05/20/14 12:08	500
Vinyl chloride	ND		500		ug/L			05/20/14 12:08	500
Xylenes, Total	ND		1000		ug/L			05/20/14 12:08	500
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>1,2-Dichloroethane-d4 (Surr)</i>	79		63 - 129					05/20/14 12:08	500
<i>4-Bromofluorobenzene (Surr)</i>	82		66 - 120					05/20/14 12:08	500
<i>Toluene-d8 (Surr)</i>	87		74 - 120					05/20/14 12:08	500
<i>Dibromofluoromethane (Surr)</i>	85		75 - 121					05/20/14 12:08	500

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-301-GW**

**Lab Sample ID: 240-37154-6**

**Date Collected: 05/08/14 11:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 18:49	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 18:49	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 18:49	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 18:49	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 18:49	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 18:49	1
Acetone	ND		10		ug/L			05/17/14 18:49	1
Benzene	ND		1.0		ug/L			05/17/14 18:49	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 18:49	1
Chloroethane	ND		1.0		ug/L			05/17/14 18:49	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 18:49	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 18:49	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 18:49	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 18:49	1
Toluene	ND		1.0		ug/L			05/17/14 18:49	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 18:49	1
Trichloroethene	ND		1.0		ug/L			05/17/14 18:49	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 18:49	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 18:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129					05/17/14 18:49	1
4-Bromofluorobenzene (Surr)	80		66 - 120					05/17/14 18:49	1
Toluene-d8 (Surr)	90		74 - 120					05/17/14 18:49	1
Dibromofluoromethane (Surr)	84		75 - 121					05/17/14 18:49	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-17-2014-S**

**Lab Sample ID: 240-37154-7**

**Date Collected: 05/08/14 13:10**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 19:11	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 19:11	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 19:11	1
Benzene	ND		1.0		ug/L			05/17/14 19:11	1
<b>cis-1,2-Dichloroethene</b>	<b>25</b>		1.0		ug/L			05/17/14 19:11	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 19:11	1
Toluene	ND		1.0		ug/L			05/17/14 19:11	1
<b>Trichloroethene</b>	<b>5.8</b>		1.0		ug/L			05/17/14 19:11	1
<b>Vinyl chloride</b>	<b>2.4</b>		1.0		ug/L			05/17/14 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		63 - 129		05/17/14 19:11	1
4-Bromofluorobenzene (Surr)	77		66 - 120		05/17/14 19:11	1
Toluene-d8 (Surr)	90		74 - 120		05/17/14 19:11	1
Dibromofluoromethane (Surr)	86		75 - 121		05/17/14 19:11	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-9-2014-S**

**Lab Sample ID: 240-37154-8**

**Date Collected: 05/08/14 13:50**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 20:45	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 20:45	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 20:45	1
Benzene	ND		1.0		ug/L			05/17/14 20:45	1
<b>cis-1,2-Dichloroethene</b>	<b>36</b>		1.0		ug/L			05/17/14 20:45	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 20:45	1
Toluene	ND		1.0		ug/L			05/17/14 20:45	1
<b>Trichloroethene</b>	<b>8.0</b>		1.0		ug/L			05/17/14 20:45	1
<b>Vinyl chloride</b>	<b>4.1</b>		1.0		ug/L			05/17/14 20:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129					05/17/14 20:45	1
4-Bromofluorobenzene (Surr)	77		66 - 120					05/17/14 20:45	1
Toluene-d8 (Surr)	91		74 - 120					05/17/14 20:45	1
Dibromofluoromethane (Surr)	86		75 - 121					05/17/14 20:45	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-19-2014-S**

**Lab Sample ID: 240-37154-9**

**Date Collected: 05/08/14 15:15**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		2.0		ug/L			05/17/14 21:09	2
1,1-Dichloroethene	ND		2.0		ug/L			05/17/14 21:09	2
1,2-Dichloroethane	ND		2.0		ug/L			05/17/14 21:09	2
Benzene	ND		2.0		ug/L			05/17/14 21:09	2
<b>cis-1,2-Dichloroethene</b>	<b>60</b>		2.0		ug/L			05/17/14 21:09	2
Tetrachloroethene	ND		2.0		ug/L			05/17/14 21:09	2
Toluene	ND		2.0		ug/L			05/17/14 21:09	2
<b>Trichloroethene</b>	<b>6.9</b>		2.0		ug/L			05/17/14 21:09	2
<b>Vinyl chloride</b>	<b>10</b>		2.0		ug/L			05/17/14 21:09	2
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	78		63 - 129					05/17/14 21:09	2
4-Bromofluorobenzene (Surr)	79		66 - 120					05/17/14 21:09	2
Toluene-d8 (Surr)	89		74 - 120					05/17/14 21:09	2
Dibromofluoromethane (Surr)	84		75 - 121					05/17/14 21:09	2

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-12-2014-S**

**Lab Sample ID: 240-37154-10**

**Date Collected: 05/08/14 15:40**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/19/14 14:27	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 14:27	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 14:27	1
Benzene	ND		1.0		ug/L			05/19/14 14:27	1
<b>cis-1,2-Dichloroethene</b>	<b>4.5</b>		1.0		ug/L			05/19/14 14:27	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 14:27	1
Toluene	ND		1.0		ug/L			05/19/14 14:27	1
<b>Trichloroethene</b>	<b>8.7</b>		1.0		ug/L			05/19/14 14:27	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 14:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129					05/19/14 14:27	1
4-Bromofluorobenzene (Surr)	79		66 - 120					05/19/14 14:27	1
Toluene-d8 (Surr)	92		74 - 120					05/19/14 14:27	1
Dibromofluoromethane (Surr)	97		75 - 121					05/19/14 14:27	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-22-2014-S**

**Lab Sample ID: 240-37154-11**

**Date Collected: 05/08/14 16:05**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 21:32	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 21:32	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 21:32	1
Benzene	ND		1.0		ug/L			05/17/14 21:32	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 21:32	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 21:32	1
Toluene	ND		1.0		ug/L			05/17/14 21:32	1
Trichloroethene	ND		1.0		ug/L			05/17/14 21:32	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 21:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129					05/17/14 21:32	1
4-Bromofluorobenzene (Surr)	77		66 - 120					05/17/14 21:32	1
Toluene-d8 (Surr)	90		74 - 120					05/17/14 21:32	1
Dibromofluoromethane (Surr)	85		75 - 121					05/17/14 21:32	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-03-SW-2014-S**

**Lab Sample ID: 240-37154-12**

**Date Collected: 05/08/14 12:00**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.7		ug/L			05/17/14 21:56	1.67
1,1-Dichloroethene	ND		1.7		ug/L			05/17/14 21:56	1.67
1,2-Dichloroethane	ND		1.7		ug/L			05/17/14 21:56	1.67
Benzene	ND		1.7		ug/L			05/17/14 21:56	1.67
<b>cis-1,2-Dichloroethene</b>	<b>58</b>		1.7		ug/L			05/17/14 21:56	1.67
Tetrachloroethene	ND		1.7		ug/L			05/17/14 21:56	1.67
Toluene	ND		1.7		ug/L			05/17/14 21:56	1.67
<b>Trichloroethene</b>	<b>6.8</b>		1.7		ug/L			05/17/14 21:56	1.67
<b>Vinyl chloride</b>	<b>9.8</b>		1.7		ug/L			05/17/14 21:56	1.67
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	78		63 - 129					05/17/14 21:56	1.67
4-Bromofluorobenzene (Surr)	79		66 - 120					05/17/14 21:56	1.67
Toluene-d8 (Surr)	90		74 - 120					05/17/14 21:56	1.67
Dibromofluoromethane (Surr)	86		75 - 121					05/17/14 21:56	1.67

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-302-SW**

**Lab Sample ID: 240-37154-14**

**Date Collected: 05/08/14 16:20**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/19/14 15:12	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 15:12	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 15:12	1
Benzene	ND		1.0		ug/L			05/19/14 15:12	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 15:12	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 15:12	1
Toluene	ND		1.0		ug/L			05/19/14 15:12	1
Trichloroethene	ND		1.0		ug/L			05/19/14 15:12	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 15:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		05/19/14 15:12	1
4-Bromofluorobenzene (Surr)	73		66 - 120		05/19/14 15:12	1
Toluene-d8 (Surr)	94		74 - 120		05/19/14 15:12	1
Dibromofluoromethane (Surr)	89		75 - 121		05/19/14 15:12	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-17-2014-S**

**Lab Sample ID: 240-37154-15**

**Date Collected: 05/08/14 13:15**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 79.6**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1
1,1-Dichloroethene	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1
1,2-Dichloroethane	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1
Benzene	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1
cis-1,2-Dichloroethene	ND		2.9		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1
Tetrachloroethene	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1
Toluene	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1
Trichloroethene	ND		5.8		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1
Vinyl chloride	ND		12		ug/L	☼	05/15/14 12:14	05/15/14 16:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		39 - 128	05/15/14 12:14	05/15/14 16:13	1
4-Bromofluorobenzene (Surr)	102		26 - 141	05/15/14 12:14	05/15/14 16:13	1
Toluene-d8 (Surr)	107		33 - 134	05/15/14 12:14	05/15/14 16:13	1
Dibromofluoromethane (Surr)	99		37 - 122	05/15/14 12:14	05/15/14 16:13	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-9-2014-S**

**Lab Sample ID: 240-37154-16**

**Date Collected: 05/08/14 14:00**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 80.8**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6		ug/L	*	05/15/14 12:14	05/15/14 16:39	1
1,1-Dichloroethene	ND		5.6		ug/L	*	05/15/14 12:14	05/15/14 16:39	1
1,2-Dichloroethane	ND		5.6		ug/L	*	05/15/14 12:14	05/15/14 16:39	1
Benzene	ND		5.6		ug/L	*	05/15/14 12:14	05/15/14 16:39	1
cis-1,2-Dichloroethene	ND		2.8		ug/L	*	05/15/14 12:14	05/15/14 16:39	1
Tetrachloroethene	ND		5.6		ug/L	*	05/15/14 12:14	05/15/14 16:39	1
Toluene	ND		5.6		ug/L	*	05/15/14 12:14	05/15/14 16:39	1
Trichloroethene	ND		5.6		ug/L	*	05/15/14 12:14	05/15/14 16:39	1
Vinyl chloride	ND		11		ug/L	*	05/15/14 12:14	05/15/14 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		39 - 128				05/15/14 12:14	05/15/14 16:39	1
4-Bromofluorobenzene (Surr)	101		26 - 141				05/15/14 12:14	05/15/14 16:39	1
Toluene-d8 (Surr)	108		33 - 134				05/15/14 12:14	05/15/14 16:39	1
Dibromofluoromethane (Surr)	97		37 - 122				05/15/14 12:14	05/15/14 16:39	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-4-2014-S**

**Lab Sample ID: 240-37154-17**

**Date Collected: 05/08/14 15:20**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 80.8**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8		ug/L	*	05/15/14 12:14	05/15/14 17:04	1
1,1-Dichloroethene	ND		5.8		ug/L	*	05/15/14 12:14	05/15/14 17:04	1
1,2-Dichloroethane	ND		5.8		ug/L	*	05/15/14 12:14	05/15/14 17:04	1
Benzene	ND		5.8		ug/L	*	05/15/14 12:14	05/15/14 17:04	1
<b>cis-1,2-Dichloroethene</b>	<b>3.0</b>		2.9		ug/L	*	05/15/14 12:14	05/15/14 17:04	1
Tetrachloroethene	ND		5.8		ug/L	*	05/15/14 12:14	05/15/14 17:04	1
Toluene	ND		5.8		ug/L	*	05/15/14 12:14	05/15/14 17:04	1
Trichloroethene	ND		5.8		ug/L	*	05/15/14 12:14	05/15/14 17:04	1
Vinyl chloride	ND		12		ug/L	*	05/15/14 12:14	05/15/14 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		39 - 128	05/15/14 12:14	05/15/14 17:04	1
4-Bromofluorobenzene (Surr)	101		26 - 141	05/15/14 12:14	05/15/14 17:04	1
Toluene-d8 (Surr)	106		33 - 134	05/15/14 12:14	05/15/14 17:04	1
Dibromofluoromethane (Surr)	99		37 - 122	05/15/14 12:14	05/15/14 17:04	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-12-2014-S**

**Lab Sample ID: 240-37154-18**

**Date Collected: 05/08/14 15:45**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 74.7**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		11		ug/L	*	05/16/14 12:20	05/16/14 15:45	1
1,1-Dichloroethene	ND		11		ug/L	*	05/16/14 12:20	05/16/14 15:45	1
1,2-Dichloroethane	ND		11		ug/L	*	05/16/14 12:20	05/16/14 15:45	1
Benzene	ND		11		ug/L	*	05/16/14 12:20	05/16/14 15:45	1
<b>cis-1,2-Dichloroethene</b>	<b>46</b>		5.3		ug/L	*	05/16/14 12:20	05/16/14 15:45	1
Tetrachloroethene	ND		11		ug/L	*	05/16/14 12:20	05/16/14 15:45	1
Toluene	ND		11		ug/L	*	05/16/14 12:20	05/16/14 15:45	1
<b>Trichloroethene</b>	<b>140</b>		11		ug/L	*	05/16/14 12:20	05/16/14 15:45	1
Vinyl chloride	ND		21		ug/L	*	05/16/14 12:20	05/16/14 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		39 - 128	05/16/14 12:20	05/16/14 15:45	1
4-Bromofluorobenzene (Surr)	81		26 - 141	05/16/14 12:20	05/16/14 15:45	1
Toluene-d8 (Surr)	88		33 - 134	05/16/14 12:20	05/16/14 15:45	1
Dibromofluoromethane (Surr)	82		37 - 122	05/16/14 12:20	05/16/14 15:45	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-7-2014-S**

**Lab Sample ID: 240-37154-19**

**Date Collected: 05/08/14 16:10**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 79.7**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
1,1-Dichloroethene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
1,2-Dichloroethane	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
Benzene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
cis-1,2-Dichloroethene	ND		2.8		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
Tetrachloroethene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
Toluene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
Trichloroethene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
Vinyl chloride	ND		11		ug/L	☼	05/15/14 12:14	05/15/14 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		39 - 128				05/15/14 12:14	05/15/14 18:44	1
4-Bromofluorobenzene (Surr)	102		26 - 141				05/15/14 12:14	05/15/14 18:44	1
Toluene-d8 (Surr)	106		33 - 134				05/15/14 12:14	05/15/14 18:44	1
Dibromofluoromethane (Surr)	98		37 - 122				05/15/14 12:14	05/15/14 18:44	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-04-SD-2014-S**

**Lab Sample ID: 240-37154-20**

**Date Collected: 05/08/14 12:15**

**Matrix: Solid**

**Date Received: 05/09/14 10:00**

**Percent Solids: 81.8**

**Method: 8260A - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1
1,1-Dichloroethene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1
1,2-Dichloroethane	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1
Benzene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1
<b>cis-1,2-Dichloroethene</b>	<b>3.5</b>		2.7		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1
Tetrachloroethene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1
Toluene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1
Trichloroethene	ND		5.5		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1
Vinyl chloride	ND		11		ug/L	☼	05/15/14 12:14	05/15/14 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		39 - 128	05/15/14 12:14	05/15/14 19:10	1
4-Bromofluorobenzene (Surr)	101		26 - 141	05/15/14 12:14	05/15/14 19:10	1
Toluene-d8 (Surr)	107		33 - 134	05/15/14 12:14	05/15/14 19:10	1
Dibromofluoromethane (Surr)	99		37 - 122	05/15/14 12:14	05/15/14 19:10	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-303-SD**

**Lab Sample ID: 240-37154-21**

**Date Collected: 05/08/14 16:30**

**Matrix: Water**

**Date Received: 05/09/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/19/14 15:34	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 15:34	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 15:34	1
Benzene	ND		1.0		ug/L			05/19/14 15:34	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 15:34	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 15:34	1
Toluene	ND		1.0		ug/L			05/19/14 15:34	1
Trichloroethene	ND		1.0		ug/L			05/19/14 15:34	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129					05/19/14 15:34	1
4-Bromofluorobenzene (Surr)	78		66 - 120					05/19/14 15:34	1
Toluene-d8 (Surr)	88		74 - 120					05/19/14 15:34	1
Dibromofluoromethane (Surr)	93		75 - 121					05/19/14 15:34	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-11-2014-S**

**Lab Sample ID: 240-37219-1**

**Date Collected: 05/09/14 09:10**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 13:36	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 13:36	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 13:36	1
Benzene	ND		1.0		ug/L			05/20/14 13:36	1
<b>cis-1,2-Dichloroethene</b>	<b>1.2</b>		1.0		ug/L			05/20/14 13:36	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 13:36	1
Toluene	ND		1.0		ug/L			05/20/14 13:36	1
<b>Trichloroethene</b>	<b>4.0</b>		1.0		ug/L			05/20/14 13:36	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		05/20/14 13:36	1
4-Bromofluorobenzene (Surr)	75		66 - 120		05/20/14 13:36	1
Toluene-d8 (Surr)	93		74 - 120		05/20/14 13:36	1
Dibromofluoromethane (Surr)	91		75 - 121		05/20/14 13:36	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:19	1
<b>Chromium</b>	<b>9.2</b>		5.0		ug/L		05/14/14 10:23	05/15/14 21:19	1
<b>Lead</b>	<b>6.2</b>		3.0		ug/L		05/14/14 10:23	05/15/14 21:19	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			05/10/14 12:18	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-7-2014-S**

**Lab Sample ID: 240-37219-2**

**Date Collected: 05/09/14 10:20**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 19:57	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 19:57	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 19:57	1
Benzene	ND		1.0		ug/L			05/20/14 19:57	1
<b>cis-1,2-Dichloroethene</b>	<b>3.4</b>		1.0		ug/L			05/20/14 19:57	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 19:57	1
Toluene	ND		1.0		ug/L			05/20/14 19:57	1
<b>Trichloroethene</b>	<b>30</b>		1.0		ug/L			05/20/14 19:57	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		63 - 129		05/20/14 19:57	1
4-Bromofluorobenzene (Surr)	73		66 - 120		05/20/14 19:57	1
Toluene-d8 (Surr)	93		74 - 120		05/20/14 19:57	1
Dibromofluoromethane (Surr)	91		75 - 121		05/20/14 19:57	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:22	1
<b>Chromium</b>	<b>5.3</b>		5.0		ug/L		05/14/14 10:23	05/15/14 21:22	1
<b>Lead</b>	<b>4.2</b>		3.0		ug/L		05/14/14 10:23	05/15/14 21:22	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			05/10/14 12:30	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-25-2014-S**

**Lab Sample ID: 240-37219-3**

**Date Collected: 05/09/14 12:20**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1300		ug/L			05/20/14 22:35	1250
1,1-Dichloroethene	ND		1300		ug/L			05/20/14 22:35	1250
1,2-Dichloroethane	ND		1300		ug/L			05/20/14 22:35	1250
Benzene	ND		1300		ug/L			05/20/14 22:35	1250
<b>cis-1,2-Dichloroethene</b>	<b>13000</b>		1300		ug/L			05/20/14 22:35	1250
Tetrachloroethene	ND		1300		ug/L			05/20/14 22:35	1250
Toluene	ND		1300		ug/L			05/20/14 22:35	1250
<b>Trichloroethene</b>	<b>73000</b>		1300		ug/L			05/20/14 22:35	1250
Vinyl chloride	ND		1300		ug/L			05/20/14 22:35	1250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		05/20/14 22:35	1250
4-Bromofluorobenzene (Surr)	74		66 - 120		05/20/14 22:35	1250
Toluene-d8 (Surr)	92		74 - 120		05/20/14 22:35	1250
Dibromofluoromethane (Surr)	89		75 - 121		05/20/14 22:35	1250

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:26	1
<b>Chromium</b>	<b>17</b>		5.0		ug/L		05/14/14 10:23	05/15/14 21:26	1
<b>Lead</b>	<b>14</b>		3.0		ug/L		05/14/14 10:23	05/15/14 21:26	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/10/14 12:10	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-53-2014-S**

**Lab Sample ID: 240-37219-4**

**Date Collected: 05/09/14 15:00**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		10		ug/L			05/20/14 14:21	10
1,1-Dichloroethene	ND		10		ug/L			05/20/14 14:21	10
1,2-Dichloroethane	ND		10		ug/L			05/20/14 14:21	10
Benzene	ND		10		ug/L			05/20/14 14:21	10
<b>cis-1,2-Dichloroethene</b>	<b>83</b>		10		ug/L			05/20/14 14:21	10
Tetrachloroethene	ND		10		ug/L			05/20/14 14:21	10
Toluene	ND		10		ug/L			05/20/14 14:21	10
<b>Trichloroethene</b>	<b>220</b>		10		ug/L			05/20/14 14:21	10
Vinyl chloride	ND		10		ug/L			05/20/14 14:21	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		05/20/14 14:21	10
4-Bromofluorobenzene (Surr)	76		66 - 120		05/20/14 14:21	10
Toluene-d8 (Surr)	90		74 - 120		05/20/14 14:21	10
Dibromofluoromethane (Surr)	94		75 - 121		05/20/14 14:21	10

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:30	1
<b>Chromium</b>	<b>20</b>		5.0		ug/L		05/14/14 10:23	05/15/14 21:30	1
<b>Lead</b>	<b>4.8</b>		3.0		ug/L		05/14/14 10:23	05/15/14 21:30	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/10/14 12:15	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-401-2014-S**

**Lab Sample ID: 240-37219-5**

**Date Collected: 05/09/14 15:50**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 20:20	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 20:20	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 20:20	1
Benzene	ND		1.0		ug/L			05/20/14 20:20	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 20:20	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 20:20	1
Toluene	ND		1.0		ug/L			05/20/14 20:20	1
Trichloroethene	ND		1.0		ug/L			05/20/14 20:20	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		05/20/14 20:20	1
4-Bromofluorobenzene (Surr)	73		66 - 120		05/20/14 20:20	1
Toluene-d8 (Surr)	94		74 - 120		05/20/14 20:20	1
Dibromofluoromethane (Surr)	89		75 - 121		05/20/14 20:20	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:34	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 21:34	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 21:34	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/10/14 12:17	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-5-2014-S**

**Lab Sample ID: 240-37219-6**

**Date Collected: 05/09/14 17:10**

**Matrix: Water**

**Date Received: 05/10/14 10:30**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		250		ug/L			05/20/14 14:43	250
1,1-Dichloroethene	ND		250		ug/L			05/20/14 14:43	250
1,2-Dichloroethane	ND		250		ug/L			05/20/14 14:43	250
Benzene	ND		250		ug/L			05/20/14 14:43	250
<b>cis-1,2-Dichloroethene</b>	<b>4500</b>		250		ug/L			05/20/14 14:43	250
Tetrachloroethene	ND		250		ug/L			05/20/14 14:43	250
Toluene	ND		250		ug/L			05/20/14 14:43	250
<b>Trichloroethene</b>	<b>14000</b>		250		ug/L			05/20/14 14:43	250
Vinyl chloride	ND		250		ug/L			05/20/14 14:43	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		05/20/14 14:43	250
4-Bromofluorobenzene (Surr)	74		66 - 120		05/20/14 14:43	250
Toluene-d8 (Surr)	95		74 - 120		05/20/14 14:43	250
Dibromofluoromethane (Surr)	90		75 - 121		05/20/14 14:43	250

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 20:59	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 20:59	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 20:59	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/10/14 12:01	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-8-2014-S**

**Lab Sample ID: 240-37266-1**

**Date Collected: 05/12/14 09:40**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		2.5		ug/L			05/17/14 21:16	2.5
1,1-Dichloroethene	ND		2.5		ug/L			05/17/14 21:16	2.5
1,2-Dichloroethane	ND		2.5		ug/L			05/17/14 21:16	2.5
Benzene	ND		2.5		ug/L			05/17/14 21:16	2.5
<b>cis-1,2-Dichloroethene</b>	<b>3.9</b>		2.5		ug/L			05/17/14 21:16	2.5
Tetrachloroethene	ND		2.5		ug/L			05/17/14 21:16	2.5
Toluene	ND		2.5		ug/L			05/17/14 21:16	2.5
<b>Trichloroethene</b>	<b>70</b>		2.5		ug/L			05/17/14 21:16	2.5
Vinyl chloride	ND		2.5		ug/L			05/17/14 21:16	2.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		63 - 129		05/17/14 21:16	2.5
4-Bromofluorobenzene (Surr)	83		66 - 120		05/17/14 21:16	2.5
Toluene-d8 (Surr)	86		74 - 120		05/17/14 21:16	2.5
Dibromofluoromethane (Surr)	98		75 - 121		05/17/14 21:16	2.5

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:46	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 21:46	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 21:46	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:00	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-23-2014-S**

**Lab Sample ID: 240-37266-2**

Date Collected: 05/12/14 10:20

Matrix: Water

Date Received: 05/13/14 09:20

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		17		ug/L			05/17/14 21:39	16.67
1,1,2-Trichloroethane	ND		17		ug/L			05/17/14 21:39	16.67
1,1-Dichloroethane	ND		17		ug/L			05/17/14 21:39	16.67
1,1-Dichloroethene	ND		17		ug/L			05/17/14 21:39	16.67
1,2-Dichloroethane	ND		17		ug/L			05/17/14 21:39	16.67
1,2-Dichloropropane	ND		17		ug/L			05/17/14 21:39	16.67
Acetone	ND		170		ug/L			05/17/14 21:39	16.67
Benzene	ND		17		ug/L			05/17/14 21:39	16.67
Carbon disulfide	ND		17		ug/L			05/17/14 21:39	16.67
Chloroethane	ND		17		ug/L			05/17/14 21:39	16.67
<b>cis-1,2-Dichloroethene</b>	<b>280</b>		17		ug/L			05/17/14 21:39	16.67
Ethylbenzene	ND		17		ug/L			05/17/14 21:39	16.67
Methylene Chloride	ND		17		ug/L			05/17/14 21:39	16.67
Tetrachloroethene	ND		17		ug/L			05/17/14 21:39	16.67
Toluene	ND		17		ug/L			05/17/14 21:39	16.67
trans-1,2-Dichloroethene	ND		17		ug/L			05/17/14 21:39	16.67
<b>Trichloroethene</b>	<b>410</b>		17		ug/L			05/17/14 21:39	16.67
Vinyl chloride	ND		17		ug/L			05/17/14 21:39	16.67
Xylenes, Total	ND		33		ug/L			05/17/14 21:39	16.67
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129					05/17/14 21:39	16.67
4-Bromofluorobenzene (Surr)	85		66 - 120					05/17/14 21:39	16.67
Toluene-d8 (Surr)	90		74 - 120					05/17/14 21:39	16.67
Dibromofluoromethane (Surr)	99		75 - 121					05/17/14 21:39	16.67

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		2.1		ug/L		05/14/14 08:59	05/21/14 17:39	1
2-Methylnaphthalene	ND		0.21		ug/L		05/14/14 08:59	05/21/14 17:39	1
Naphthalene	ND		0.21		ug/L		05/14/14 08:59	05/21/14 17:39	1
Pentachlorophenol	ND		42		ug/L		05/14/14 08:59	05/21/14 17:39	1
1,2,4,5-Tetrachlorobenzene	ND		1.0		ug/L		05/14/14 08:59	05/21/14 17:39	1
<b>1,2,4-Trichlorobenzene</b>	<b>6.0</b>		1.0		ug/L		05/14/14 08:59	05/21/14 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	64		29 - 110				05/14/14 08:59	05/21/14 17:39	1
2-Fluorophenol (Surr)	61		15 - 110				05/14/14 08:59	05/21/14 17:39	1
2,4,6-Tribromophenol (Surr)	65		21 - 128				05/14/14 08:59	05/21/14 17:39	1
Nitrobenzene-d5 (Surr)	71		31 - 110				05/14/14 08:59	05/21/14 17:39	1
Phenol-d5 (Surr)	47		10 - 110				05/14/14 08:59	05/21/14 17:39	1
Terphenyl-d14 (Surr)	84		31 - 115				05/14/14 08:59	05/21/14 17:39	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:50	1
<b>Chromium</b>	<b>32</b>		5.0		ug/L		05/14/14 10:23	05/15/14 21:50	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 21:50	1
Selenium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 21:50	1

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-23-2014-S**

**Lab Sample ID: 240-37266-2**

**Date Collected: 05/12/14 10:20**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:03	1

1

2

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# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-13-2014-S**

**Lab Sample ID: 240-37266-3**

**Date Collected: 05/12/14 10:55**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		2.5		ug/L			05/17/14 22:02	2.5
1,1-Dichloroethene	ND		2.5		ug/L			05/17/14 22:02	2.5
1,2-Dichloroethane	ND		2.5		ug/L			05/17/14 22:02	2.5
Benzene	ND		2.5		ug/L			05/17/14 22:02	2.5
<b>cis-1,2-Dichloroethene</b>	<b>51</b>		2.5		ug/L			05/17/14 22:02	2.5
Tetrachloroethene	ND		2.5		ug/L			05/17/14 22:02	2.5
Toluene	ND		2.5		ug/L			05/17/14 22:02	2.5
<b>Trichloroethene</b>	<b>35</b>		2.5		ug/L			05/17/14 22:02	2.5
Vinyl chloride	ND		2.5		ug/L			05/17/14 22:02	2.5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	105		63 - 129					05/17/14 22:02	2.5
4-Bromofluorobenzene (Surr)	86		66 - 120					05/17/14 22:02	2.5
Toluene-d8 (Surr)	89		74 - 120					05/17/14 22:02	2.5
Dibromofluoromethane (Surr)	100		75 - 121					05/17/14 22:02	2.5

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:54	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 21:54	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 21:54	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:04	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-16-2014-S**

**Lab Sample ID: 240-37266-4**

**Date Collected: 05/12/14 11:30**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		25		ug/L			05/17/14 22:24	25
1,1-Dichloroethene	ND		25		ug/L			05/17/14 22:24	25
1,2-Dichloroethane	ND		25		ug/L			05/17/14 22:24	25
Benzene	ND		25		ug/L			05/17/14 22:24	25
<b>cis-1,2-Dichloroethene</b>	<b>590</b>		25		ug/L			05/17/14 22:24	25
Tetrachloroethene	ND		25		ug/L			05/17/14 22:24	25
Toluene	ND		25		ug/L			05/17/14 22:24	25
<b>Trichloroethene</b>	<b>600</b>		25		ug/L			05/17/14 22:24	25
<b>Vinyl chloride</b>	<b>41</b>		25		ug/L			05/17/14 22:24	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		05/17/14 22:24	25
4-Bromofluorobenzene (Surr)	83		66 - 120		05/17/14 22:24	25
Toluene-d8 (Surr)	89		74 - 120		05/17/14 22:24	25
Dibromofluoromethane (Surr)	101		75 - 121		05/17/14 22:24	25

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 21:58	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 21:58	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 21:58	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:05	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-501-2014-S**

**Lab Sample ID: 240-37266-5**

**Date Collected: 05/12/14 12:00**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 22:47	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 22:47	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 22:47	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 22:47	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 22:47	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 22:47	1
Acetone	ND		10		ug/L			05/17/14 22:47	1
Benzene	ND		1.0		ug/L			05/17/14 22:47	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 22:47	1
Chloroethane	ND		1.0		ug/L			05/17/14 22:47	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 22:47	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 22:47	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 22:47	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 22:47	1
Toluene	ND		1.0		ug/L			05/17/14 22:47	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 22:47	1
Trichloroethene	ND		1.0		ug/L			05/17/14 22:47	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 22:47	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 22:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 129		05/17/14 22:47	1
4-Bromofluorobenzene (Surr)	85		66 - 120		05/17/14 22:47	1
Toluene-d8 (Surr)	88		74 - 120		05/17/14 22:47	1
Dibromofluoromethane (Surr)	102		75 - 121		05/17/14 22:47	1

### Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		2.0		ug/L		05/14/14 08:59	05/21/14 17:15	1
2-Methylnaphthalene	ND		0.20		ug/L		05/14/14 08:59	05/21/14 17:15	1
Naphthalene	ND		0.20		ug/L		05/14/14 08:59	05/21/14 17:15	1
Pentachlorophenol	ND		40		ug/L		05/14/14 08:59	05/21/14 17:15	1
1,2,4,5-Tetrachlorobenzene	ND		1.0		ug/L		05/14/14 08:59	05/21/14 17:15	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L		05/14/14 08:59	05/21/14 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	67		29 - 110	05/14/14 08:59	05/21/14 17:15	1
2-Fluorophenol (Surr)	70		15 - 110	05/14/14 08:59	05/21/14 17:15	1
2,4,6-Tribromophenol (Surr)	67		21 - 128	05/14/14 08:59	05/21/14 17:15	1
Nitrobenzene-d5 (Surr)	74		31 - 110	05/14/14 08:59	05/21/14 17:15	1
Phenol-d5 (Surr)	76		10 - 110	05/14/14 08:59	05/21/14 17:15	1
Terphenyl-d14 (Surr)	94		31 - 115	05/14/14 08:59	05/21/14 17:15	1

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 22:02	1
<b>Chromium</b>	<b>9.8</b>		5.0		ug/L		05/14/14 10:23	05/15/14 22:02	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 22:02	1
Selenium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 22:02	1

TestAmerica Canton

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-501-2014-S**

**Lab Sample ID: 240-37266-5**

**Date Collected: 05/12/14 12:00**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:06	1

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-54-2014-S**

**Lab Sample ID: 240-37266-6**

**Date Collected: 05/12/14 12:40**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		50		ug/L			05/17/14 17:31	50
1,1-Dichloroethene	ND		50		ug/L			05/17/14 17:31	50
1,2-Dichloroethane	ND		50		ug/L			05/17/14 17:31	50
Benzene	ND		50		ug/L			05/17/14 17:31	50
<b>cis-1,2-Dichloroethene</b>	<b>410</b>		50		ug/L			05/17/14 17:31	50
Tetrachloroethene	ND		50		ug/L			05/17/14 17:31	50
Toluene	ND		50		ug/L			05/17/14 17:31	50
<b>Trichloroethene</b>	<b>1200</b>		50		ug/L			05/17/14 17:31	50
<b>Vinyl chloride</b>	<b>68</b>		50		ug/L			05/17/14 17:31	50
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	103		63 - 129					05/17/14 17:31	50
4-Bromofluorobenzene (Surr)	87		66 - 120					05/17/14 17:31	50
Toluene-d8 (Surr)	94		74 - 120					05/17/14 17:31	50
Dibromofluoromethane (Surr)	98		75 - 121					05/17/14 17:31	50

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 22:07	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 22:07	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 22:07	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:07	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-10-2014-S**

**Lab Sample ID: 240-37266-7**

**Date Collected: 05/12/14 14:00**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		2.0		ug/L			05/19/14 14:30	2
1,1-Dichloroethene	ND		2.0		ug/L			05/19/14 14:30	2
1,2-Dichloroethane	ND		2.0		ug/L			05/19/14 14:30	2
Benzene	ND		2.0		ug/L			05/19/14 14:30	2
<b>cis-1,2-Dichloroethene</b>	<b>41</b>		2.0		ug/L			05/19/14 14:30	2
Tetrachloroethene	ND		2.0		ug/L			05/19/14 14:30	2
Toluene	ND		2.0		ug/L			05/19/14 14:30	2
<b>Trichloroethene</b>	<b>51</b>		2.0		ug/L			05/19/14 14:30	2
Vinyl chloride	ND		2.0		ug/L			05/19/14 14:30	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		05/19/14 14:30	2
4-Bromofluorobenzene (Surr)	92		66 - 120		05/19/14 14:30	2
Toluene-d8 (Surr)	88		74 - 120		05/19/14 14:30	2
Dibromofluoromethane (Surr)	102		75 - 121		05/19/14 14:30	2

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 22:11	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 22:11	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 22:11	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:10	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-9-2014-S**

**Lab Sample ID: 240-37266-8**

**Date Collected: 05/12/14 16:10**

**Matrix: Water**

**Date Received: 05/13/14 09:20**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 20:01	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 20:01	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 20:01	1
Benzene	ND		1.0		ug/L			05/17/14 20:01	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 20:01	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 20:01	1
Toluene	ND		1.0		ug/L			05/17/14 20:01	1
Trichloroethene	ND		1.0		ug/L			05/17/14 20:01	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 20:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		05/17/14 20:01	1
4-Bromofluorobenzene (Surr)	93		66 - 120		05/17/14 20:01	1
Toluene-d8 (Surr)	86		74 - 120		05/17/14 20:01	1
Dibromofluoromethane (Surr)	103		75 - 121		05/17/14 20:01	1

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 22:15	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 22:15	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 22:15	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 10:11	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: EB-601-051514**

**Lab Sample ID: 240-37489-1**

**Date Collected: 05/15/14 07:30**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 17:54	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 17:54	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 17:54	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 17:54	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 17:54	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 17:54	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 17:54	1
Acetone	ND		10		ug/L			05/27/14 17:54	1
Benzene	ND		1.0		ug/L			05/27/14 17:54	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 17:54	1
Chloroethane	ND		1.0		ug/L			05/27/14 17:54	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 17:54	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 17:54	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 17:54	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 17:54	1
Toluene	ND		1.0		ug/L			05/27/14 17:54	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 17:54	1
Trichloroethene	ND		1.0		ug/L			05/27/14 17:54	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 17:54	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 17:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		63 - 129					05/27/14 17:54	1
4-Bromofluorobenzene (Surr)	75		66 - 120					05/27/14 17:54	1
Toluene-d8 (Surr)	82		74 - 120					05/27/14 17:54	1
Dibromofluoromethane (Surr)	94		75 - 121					05/27/14 17:54	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-601-051514**

**Lab Sample ID: 240-37489-2**

**Date Collected: 05/15/14 07:15**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		67		ug/L			05/23/14 06:11	66.67
1,1,2-Trichloroethane	ND		67		ug/L			05/23/14 06:11	66.67
1,1-Dichloroethane	ND		67		ug/L			05/23/14 06:11	66.67
1,1-Dichloroethene	ND		67		ug/L			05/23/14 06:11	66.67
1,2,4-Trimethylbenzene	ND		67		ug/L			05/23/14 06:11	66.67
1,2-Dichloroethane	ND		67		ug/L			05/23/14 06:11	66.67
1,2-Dichloropropane	ND		67		ug/L			05/23/14 06:11	66.67
Acetone	ND		670		ug/L			05/23/14 06:11	66.67
Benzene	ND		67		ug/L			05/23/14 06:11	66.67
Carbon disulfide	ND		67		ug/L			05/23/14 06:11	66.67
Chloroethane	ND		67		ug/L			05/23/14 06:11	66.67
<b>cis-1,2-Dichloroethene</b>	<b>4000</b>		67		ug/L			05/23/14 06:11	66.67
Ethylbenzene	ND		67		ug/L			05/23/14 06:11	66.67
Methylene Chloride	ND		67		ug/L			05/23/14 06:11	66.67
Tetrachloroethene	ND		67		ug/L			05/23/14 06:11	66.67
Toluene	ND		67		ug/L			05/23/14 06:11	66.67
<b>trans-1,2-Dichloroethene</b>	<b>290</b>		67		ug/L			05/23/14 06:11	66.67
<b>Trichloroethene</b>	<b>230</b>		67		ug/L			05/23/14 06:11	66.67
<b>Vinyl chloride</b>	<b>260</b>		67		ug/L			05/23/14 06:11	66.67
Xylenes, Total	ND		130		ug/L			05/23/14 06:11	66.67
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129					05/23/14 06:11	66.67
4-Bromofluorobenzene (Surr)	77		66 - 120					05/23/14 06:11	66.67
Toluene-d8 (Surr)	91		74 - 120					05/23/14 06:11	66.67
Dibromofluoromethane (Surr)	98		75 - 121					05/23/14 06:11	66.67

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-101-051514**

**Lab Sample ID: 240-37489-3**

**Date Collected: 05/15/14 07:45**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		67		ug/L			05/23/14 06:33	66.67
1,1,2-Trichloroethane	ND		67		ug/L			05/23/14 06:33	66.67
1,1-Dichloroethane	ND		67		ug/L			05/23/14 06:33	66.67
1,1-Dichloroethene	ND		67		ug/L			05/23/14 06:33	66.67
1,2,4-Trimethylbenzene	ND		67		ug/L			05/23/14 06:33	66.67
1,2-Dichloroethane	ND		67		ug/L			05/23/14 06:33	66.67
1,2-Dichloropropane	ND		67		ug/L			05/23/14 06:33	66.67
Acetone	ND		670		ug/L			05/23/14 06:33	66.67
Benzene	ND		67		ug/L			05/23/14 06:33	66.67
Carbon disulfide	ND		67		ug/L			05/23/14 06:33	66.67
Chloroethane	ND		67		ug/L			05/23/14 06:33	66.67
<b>cis-1,2-Dichloroethene</b>	<b>3800</b>		67		ug/L			05/23/14 06:33	66.67
Ethylbenzene	ND		67		ug/L			05/23/14 06:33	66.67
Methylene Chloride	ND		67		ug/L			05/23/14 06:33	66.67
Tetrachloroethene	ND		67		ug/L			05/23/14 06:33	66.67
Toluene	ND		67		ug/L			05/23/14 06:33	66.67
<b>trans-1,2-Dichloroethene</b>	<b>270</b>		67		ug/L			05/23/14 06:33	66.67
<b>Trichloroethene</b>	<b>240</b>		67		ug/L			05/23/14 06:33	66.67
<b>Vinyl chloride</b>	<b>240</b>		67		ug/L			05/23/14 06:33	66.67
Xylenes, Total	ND		130		ug/L			05/23/14 06:33	66.67
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129					05/23/14 06:33	66.67
4-Bromofluorobenzene (Surr)	73		66 - 120					05/23/14 06:33	66.67
Toluene-d8 (Surr)	93		74 - 120					05/23/14 06:33	66.67
Dibromofluoromethane (Surr)	95		75 - 121					05/23/14 06:33	66.67

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-103-051514**

**Lab Sample ID: 240-37489-4**

**Date Collected: 05/15/14 08:00**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0		ug/L			05/27/14 18:16	2
1,1,2-Trichloroethane	ND		2.0		ug/L			05/27/14 18:16	2
1,1-Dichloroethane	ND		2.0		ug/L			05/27/14 18:16	2
1,1-Dichloroethene	ND		2.0		ug/L			05/27/14 18:16	2
1,2,4-Trimethylbenzene	ND		2.0		ug/L			05/27/14 18:16	2
1,2-Dichloroethane	ND		2.0		ug/L			05/27/14 18:16	2
1,2-Dichloropropane	ND		2.0		ug/L			05/27/14 18:16	2
Acetone	ND		20		ug/L			05/27/14 18:16	2
Benzene	ND		2.0		ug/L			05/27/14 18:16	2
Carbon disulfide	ND		2.0		ug/L			05/27/14 18:16	2
Chloroethane	ND		2.0		ug/L			05/27/14 18:16	2
<b>cis-1,2-Dichloroethene</b>	<b>38</b>		2.0		ug/L			05/27/14 18:16	2
Ethylbenzene	ND		2.0		ug/L			05/27/14 18:16	2
Methylene Chloride	ND		2.0		ug/L			05/27/14 18:16	2
Tetrachloroethene	ND		2.0		ug/L			05/27/14 18:16	2
Toluene	ND		2.0		ug/L			05/27/14 18:16	2
<b>trans-1,2-Dichloroethene</b>	<b>3.0</b>		2.0		ug/L			05/27/14 18:16	2
<b>Trichloroethene</b>	<b>11</b>		2.0		ug/L			05/27/14 18:16	2
<b>Vinyl chloride</b>	<b>4.6</b>		2.0		ug/L			05/27/14 18:16	2
Xylenes, Total	ND		4.0		ug/L			05/27/14 18:16	2
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	96		63 - 129					05/27/14 18:16	2
4-Bromofluorobenzene (Surr)	81		66 - 120					05/27/14 18:16	2
Toluene-d8 (Surr)	84		74 - 120					05/27/14 18:16	2
Dibromofluoromethane (Surr)	93		75 - 121					05/27/14 18:16	2

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-108-051514**

**Lab Sample ID: 240-37489-5**

**Date Collected: 05/15/14 08:15**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 18:38	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 18:38	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 18:38	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 18:38	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 18:38	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 18:38	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 18:38	1
Acetone	ND		10		ug/L			05/27/14 18:38	1
Benzene	ND		1.0		ug/L			05/27/14 18:38	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 18:38	1
Chloroethane	ND		1.0		ug/L			05/27/14 18:38	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 18:38	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 18:38	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 18:38	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 18:38	1
Toluene	ND		1.0		ug/L			05/27/14 18:38	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 18:38	1
Trichloroethene	ND		1.0		ug/L			05/27/14 18:38	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 18:38	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		05/27/14 18:38	1
4-Bromofluorobenzene (Surr)	80		66 - 120		05/27/14 18:38	1
Toluene-d8 (Surr)	83		74 - 120		05/27/14 18:38	1
Dibromofluoromethane (Surr)	98		75 - 121		05/27/14 18:38	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-107-051514**

**Lab Sample ID: 240-37489-6**

**Date Collected: 05/15/14 08:20**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 19:01	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 19:01	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 19:01	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 19:01	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 19:01	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 19:01	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 19:01	1
Acetone	ND		10		ug/L			05/27/14 19:01	1
Benzene	ND		1.0		ug/L			05/27/14 19:01	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 19:01	1
Chloroethane	ND		1.0		ug/L			05/27/14 19:01	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 19:01	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 19:01	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 19:01	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 19:01	1
Toluene	ND		1.0		ug/L			05/27/14 19:01	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 19:01	1
Trichloroethene	ND		1.0		ug/L			05/27/14 19:01	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 19:01	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129					05/27/14 19:01	1
4-Bromofluorobenzene (Surr)	81		66 - 120					05/27/14 19:01	1
Toluene-d8 (Surr)	82		74 - 120					05/27/14 19:01	1
Dibromofluoromethane (Surr)	98		75 - 121					05/27/14 19:01	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-110-051514**

**Lab Sample ID: 240-37489-7**

**Date Collected: 05/15/14 08:25**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 19:23	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 19:23	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 19:23	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 19:23	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 19:23	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 19:23	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 19:23	1
Acetone	ND		10		ug/L			05/27/14 19:23	1
Benzene	ND		1.0		ug/L			05/27/14 19:23	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 19:23	1
Chloroethane	ND		1.0		ug/L			05/27/14 19:23	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 19:23	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 19:23	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 19:23	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 19:23	1
Toluene	ND		1.0		ug/L			05/27/14 19:23	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 19:23	1
Trichloroethene	ND		1.0		ug/L			05/27/14 19:23	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 19:23	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 19:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		05/27/14 19:23	1
4-Bromofluorobenzene (Surr)	79		66 - 120		05/27/14 19:23	1
Toluene-d8 (Surr)	85		74 - 120		05/27/14 19:23	1
Dibromofluoromethane (Surr)	98		75 - 121		05/27/14 19:23	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-106-051514**

**Lab Sample ID: 240-37489-8**

**Date Collected: 05/15/14 08:35**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 19:46	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 19:46	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 19:46	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 19:46	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 19:46	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 19:46	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 19:46	1
Acetone	ND		10		ug/L			05/27/14 19:46	1
Benzene	ND		1.0		ug/L			05/27/14 19:46	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 19:46	1
Chloroethane	ND		1.0		ug/L			05/27/14 19:46	1
<b>cis-1,2-Dichloroethene</b>	<b>17</b>		1.0		ug/L			05/27/14 19:46	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 19:46	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 19:46	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 19:46	1
Toluene	ND		1.0		ug/L			05/27/14 19:46	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 19:46	1
<b>Trichloroethene</b>	<b>7.1</b>		1.0		ug/L			05/27/14 19:46	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 19:46	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 19:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		05/27/14 19:46	1
4-Bromofluorobenzene (Surr)	79		66 - 120		05/27/14 19:46	1
Toluene-d8 (Surr)	85		74 - 120		05/27/14 19:46	1
Dibromofluoromethane (Surr)	97		75 - 121		05/27/14 19:46	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-112-051514**

**Lab Sample ID: 240-37489-9**

**Date Collected: 05/15/14 08:45**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 20:08	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 20:08	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 20:08	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 20:08	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 20:08	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 20:08	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 20:08	1
Acetone	ND		10		ug/L			05/27/14 20:08	1
Benzene	ND		1.0		ug/L			05/27/14 20:08	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 20:08	1
Chloroethane	ND		1.0		ug/L			05/27/14 20:08	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 20:08	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 20:08	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 20:08	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 20:08	1
Toluene	ND		1.0		ug/L			05/27/14 20:08	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 20:08	1
Trichloroethene	ND		1.0		ug/L			05/27/14 20:08	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 20:08	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 20:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		05/27/14 20:08	1
4-Bromofluorobenzene (Surr)	78		66 - 120		05/27/14 20:08	1
Toluene-d8 (Surr)	83		74 - 120		05/27/14 20:08	1
Dibromofluoromethane (Surr)	96		75 - 121		05/27/14 20:08	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-114-051514**

**Lab Sample ID: 240-37489-10**

**Date Collected: 05/15/14 08:50**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/14 22:03	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/14 22:03	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/14 22:03	1
1,1-Dichloroethene	ND		1.0		ug/L			05/24/14 22:03	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/24/14 22:03	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/14 22:03	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/14 22:03	1
Acetone	ND		10		ug/L			05/24/14 22:03	1
Benzene	ND		1.0		ug/L			05/24/14 22:03	1
Carbon disulfide	ND		1.0		ug/L			05/24/14 22:03	1
Chloroethane	ND		1.0		ug/L			05/24/14 22:03	1
<b>cis-1,2-Dichloroethene</b>	<b>3.5</b>		1.0		ug/L			05/24/14 22:03	1
Ethylbenzene	ND		1.0		ug/L			05/24/14 22:03	1
Methylene Chloride	ND		1.0		ug/L			05/24/14 22:03	1
Tetrachloroethene	ND		1.0		ug/L			05/24/14 22:03	1
Toluene	ND		1.0		ug/L			05/24/14 22:03	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/24/14 22:03	1
<b>Trichloroethene</b>	<b>3.2</b>		1.0		ug/L			05/24/14 22:03	1
Vinyl chloride	ND		1.0		ug/L			05/24/14 22:03	1
Xylenes, Total	ND		2.0		ug/L			05/24/14 22:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		63 - 129					05/24/14 22:03	1
4-Bromofluorobenzene (Surr)	89		66 - 120					05/24/14 22:03	1
Toluene-d8 (Surr)	90		74 - 120					05/24/14 22:03	1
Dibromofluoromethane (Surr)	105		75 - 121					05/24/14 22:03	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-48-2014-SR**

**Lab Sample ID: 240-37489-11**

**Date Collected: 05/15/14 10:15**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		130		ug/L			05/24/14 01:57	133.33
1,1-Dichloroethene	ND		130		ug/L			05/24/14 01:57	133.33
1,2-Dichloroethane	ND		130		ug/L			05/24/14 01:57	133.33
Benzene	ND		130		ug/L			05/24/14 01:57	133.33
<b>cis-1,2-Dichloroethene</b>	<b>2500</b>		130		ug/L			05/24/14 01:57	133.33
Tetrachloroethene	ND		130		ug/L			05/24/14 01:57	133.33
Toluene	ND		130		ug/L			05/24/14 01:57	133.33
<b>Trichloroethene</b>	<b>8300</b>		130		ug/L			05/24/14 01:57	133.33
<b>Vinyl chloride</b>	<b>290</b>		130		ug/L			05/24/14 01:57	133.33

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		05/24/14 01:57	133.33
4-Bromofluorobenzene (Surr)	77		66 - 120		05/24/14 01:57	133.33
Toluene-d8 (Surr)	92		74 - 120		05/24/14 01:57	133.33
Dibromofluoromethane (Surr)	95		75 - 121		05/24/14 01:57	133.33

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-47-2014-SR**

**Lab Sample ID: 240-37489-12**

**Date Collected: 05/15/14 10:45**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.4		ug/L			05/27/14 20:31	1.43
1,1-Dichloroethene	ND		1.4		ug/L			05/27/14 20:31	1.43
1,2-Dichloroethane	ND		1.4		ug/L			05/27/14 20:31	1.43
Benzene	ND		1.4		ug/L			05/27/14 20:31	1.43
<b>cis-1,2-Dichloroethene</b>	<b>34</b>		1.4		ug/L			05/27/14 20:31	1.43
Tetrachloroethene	ND		1.4		ug/L			05/27/14 20:31	1.43
Toluene	ND		1.4		ug/L			05/27/14 20:31	1.43
<b>Trichloroethene</b>	<b>5.6</b>		1.4		ug/L			05/27/14 20:31	1.43
<b>Vinyl chloride</b>	<b>15</b>		1.4		ug/L			05/27/14 20:31	1.43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		63 - 129		05/27/14 20:31	1.43
4-Bromofluorobenzene (Surr)	79		66 - 120		05/27/14 20:31	1.43
Toluene-d8 (Surr)	85		74 - 120		05/27/14 20:31	1.43
Dibromofluoromethane (Surr)	99		75 - 121		05/27/14 20:31	1.43

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: TRIP BLANKS**

**Lab Sample ID: 240-37489-13**

**Date Collected: 05/15/14 00:00**

**Matrix: Water**

**Date Received: 05/17/14 09:30**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/28/14 18:45	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/28/14 18:45	1
1,1-Dichloroethane	ND		1.0		ug/L			05/28/14 18:45	1
1,1-Dichloroethene	ND		1.0		ug/L			05/28/14 18:45	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/28/14 18:45	1
1,2-Dichloroethane	ND		1.0		ug/L			05/28/14 18:45	1
1,2-Dichloropropane	ND		1.0		ug/L			05/28/14 18:45	1
Acetone	ND		10		ug/L			05/28/14 18:45	1
Benzene	ND		1.0		ug/L			05/28/14 18:45	1
Carbon disulfide	ND		1.0		ug/L			05/28/14 18:45	1
Chloroethane	ND		1.0		ug/L			05/28/14 18:45	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/28/14 18:45	1
Ethylbenzene	ND		1.0		ug/L			05/28/14 18:45	1
Methylene Chloride	ND		1.0		ug/L			05/28/14 18:45	1
Tetrachloroethene	ND		1.0		ug/L			05/28/14 18:45	1
Toluene	ND		1.0		ug/L			05/28/14 18:45	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/28/14 18:45	1
Trichloroethene	ND		1.0		ug/L			05/28/14 18:45	1
Vinyl chloride	ND		1.0		ug/L			05/28/14 18:45	1
Xylenes, Total	ND		2.0		ug/L			05/28/14 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		05/28/14 18:45	1
4-Bromofluorobenzene (Surr)	75		66 - 120		05/28/14 18:45	1
Toluene-d8 (Surr)	84		74 - 120		05/28/14 18:45	1
Dibromofluoromethane (Surr)	97		75 - 121		05/28/14 18:45	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-3-051114**

**Lab Sample ID: 240-37510-1**

**Date Collected: 05/11/14 18:48**

**Matrix: Air**

**Date Received: 05/19/14 09:45**

**Sample Container: Summa Canister 6L**

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.81		ppb v/v			05/23/14 07:36	1.61
Tetrachloroethene	ND		0.81		ppb v/v			05/23/14 07:36	1.61
1,2-Dichloroethane	ND		0.81		ppb v/v			05/23/14 07:36	1.61
1,1,2-Trichloroethane	ND		0.81		ppb v/v			05/23/14 07:36	1.61
Methylene Chloride	ND		2.0		ppb v/v			05/23/14 07:36	1.61
1,2,4-Trimethylbenzene	ND		0.81		ppb v/v			05/23/14 07:36	1.61
<b>Toluene</b>	<b>6.8</b>		0.81		ppb v/v			05/23/14 07:36	1.61
<b>o-Xylene</b>	<b>0.94</b>		0.81		ppb v/v			05/23/14 07:36	1.61
trans-1,2-Dichloroethene	ND		0.81		ppb v/v			05/23/14 07:36	1.61
1,1-Dichloroethene	ND		0.81		ppb v/v			05/23/14 07:36	1.61
<b>Trichloroethene</b>	<b>88</b>		0.81		ppb v/v			05/23/14 07:36	1.61
Ethylbenzene	ND		0.81		ppb v/v			05/23/14 07:36	1.61
<b>Xylenes, Total</b>	<b>3.4</b>		1.6		ppb v/v			05/23/14 07:36	1.61
<b>cis-1,2-Dichloroethene</b>	<b>52</b>		0.81		ppb v/v			05/23/14 07:36	1.61
<b>m-Xylene &amp; p-Xylene</b>	<b>2.5</b>		0.81		ppb v/v			05/23/14 07:36	1.61
Vinyl chloride	ND		0.81		ppb v/v			05/23/14 07:36	1.61
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	101		60 - 140					05/23/14 07:36	1.61

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-11-051114**

**Lab Sample ID: 240-37510-2**

Date Collected: 05/11/14 19:00

Matrix: Air

Date Received: 05/19/14 09:45

Sample Container: Summa Canister 6L

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Benzene</b>	<b>0.20</b>		0.20		ppb v/v			05/23/14 16:21	1.82
Tetrachloroethene	ND		0.20		ppb v/v			05/23/14 16:21	1.82
1,2-Dichloroethane	ND		0.20		ppb v/v			05/23/14 16:21	1.82
1,1,2-Trichloroethane	ND		0.20		ppb v/v			05/23/14 16:21	1.82
Methylene Chloride	ND		0.50		ppb v/v			05/23/14 16:21	1.82
<b>1,2,4-Trimethylbenzene</b>	<b>0.29</b>		0.20		ppb v/v			05/23/14 16:21	1.82
<b>Toluene</b>	<b>7.2</b>		0.20		ppb v/v			05/23/14 16:21	1.82
<b>o-Xylene</b>	<b>2.0</b>		0.20		ppb v/v			05/23/14 16:21	1.82
trans-1,2-Dichloroethene	ND		0.20		ppb v/v			05/23/14 16:21	1.82
1,1-Dichloroethene	ND		0.20		ppb v/v			05/23/14 16:21	1.82
<b>Trichloroethene</b>	<b>0.35</b>		0.20		ppb v/v			05/23/14 16:21	1.82
<b>Ethylbenzene</b>	<b>1.3</b>		0.20		ppb v/v			05/23/14 16:21	1.82
<b>Xylenes, Total</b>	<b>6.9</b>		0.40		ppb v/v			05/23/14 16:21	1.82
cis-1,2-Dichloroethene	ND		0.20		ppb v/v			05/23/14 16:21	1.82
<b>m-Xylene &amp; p-Xylene</b>	<b>4.9</b>		0.20		ppb v/v			05/23/14 16:21	1.82
Vinyl chloride	ND		0.20		ppb v/v			05/23/14 16:21	1.82
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	102		60 - 140					05/23/14 16:21	1.82

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-107-051414**

**Lab Sample ID: 240-37510-3**

Date Collected: 05/11/14 13:46

Matrix: Air

Date Received: 05/19/14 09:45

Sample Container: Summa Canister 6L

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.6		ppb v/v			05/22/14 17:14	1
Tetrachloroethene	ND		1.6		ppb v/v			05/22/14 17:14	1
1,2-Dichloroethane	ND		1.6		ppb v/v			05/22/14 17:14	1
1,1,2-Trichloroethane	ND		1.6		ppb v/v			05/22/14 17:14	1
Methylene Chloride	ND		4.0		ppb v/v			05/22/14 17:14	1
1,2,4-Trimethylbenzene	ND		1.6		ppb v/v			05/22/14 17:14	1
<b>Toluene</b>	<b>4.8</b>		1.6		ppb v/v			05/22/14 17:14	1
o-Xylene	ND		1.6		ppb v/v			05/22/14 17:14	1
trans-1,2-Dichloroethene	ND		1.6		ppb v/v			05/22/14 17:14	1
1,1-Dichloroethene	ND		1.6		ppb v/v			05/22/14 17:14	1
<b>Trichloroethene</b>	<b>110</b>		1.6		ppb v/v			05/22/14 17:14	1
Ethylbenzene	ND		1.6		ppb v/v			05/22/14 17:14	1
Xylenes, Total	ND		3.2		ppb v/v			05/22/14 17:14	1
<b>cis-1,2-Dichloroethene</b>	<b>5.7</b>		1.6		ppb v/v			05/22/14 17:14	1
<b>m-Xylene &amp; p-Xylene</b>	<b>2.3</b>		1.6		ppb v/v			05/22/14 17:14	1
Vinyl chloride	ND		1.6		ppb v/v			05/22/14 17:14	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	95		60 - 140					05/22/14 17:14	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-110-051414**

**Lab Sample ID: 240-37510-4**

Date Collected: 05/14/14 12:25

Matrix: Air

Date Received: 05/19/14 09:45

Sample Container: Summa Canister 6L

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20		ppb v/v			05/23/14 17:11	1
Tetrachloroethene	ND		0.20		ppb v/v			05/23/14 17:11	1
1,2-Dichloroethane	ND		0.20		ppb v/v			05/23/14 17:11	1
1,1,2-Trichloroethane	ND		0.20		ppb v/v			05/23/14 17:11	1
Methylene Chloride	ND		0.50		ppb v/v			05/23/14 17:11	1
1,2,4-Trimethylbenzene	ND		0.20		ppb v/v			05/23/14 17:11	1
<b>Toluene</b>	<b>4.1</b>		0.20		ppb v/v			05/23/14 17:11	1
<b>o-Xylene</b>	<b>0.70</b>		0.20		ppb v/v			05/23/14 17:11	1
<b>trans-1,2-Dichloroethene</b>	<b>0.52</b>		0.20		ppb v/v			05/23/14 17:11	1
1,1-Dichloroethene	ND		0.20		ppb v/v			05/23/14 17:11	1
<b>Trichloroethene</b>	<b>19</b>		0.20		ppb v/v			05/23/14 17:11	1
<b>Ethylbenzene</b>	<b>0.46</b>		0.20		ppb v/v			05/23/14 17:11	1
<b>Xylenes, Total</b>	<b>2.6</b>		0.40		ppb v/v			05/23/14 17:11	1
<b>cis-1,2-Dichloroethene</b>	<b>4.5</b>		0.20		ppb v/v			05/23/14 17:11	1
<b>m-Xylene &amp; p-Xylene</b>	<b>1.9</b>		0.20		ppb v/v			05/23/14 17:11	1
<b>Vinyl chloride</b>	<b>0.49</b>		0.20		ppb v/v			05/23/14 17:11	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	98		60 - 140					05/23/14 17:11	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-106-051414**

**Lab Sample ID: 240-37510-5**

**Date Collected: 05/14/14 13:56**

**Matrix: Air**

**Date Received: 05/19/14 09:45**

**Sample Container: Summa Canister 6L**

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.0		ppb v/v			05/23/14 17:59	1
Tetrachloroethene	ND		4.0		ppb v/v			05/23/14 17:59	1
1,2-Dichloroethane	ND		4.0		ppb v/v			05/23/14 17:59	1
1,1,2-Trichloroethane	ND		4.0		ppb v/v			05/23/14 17:59	1
Methylene Chloride	ND		10		ppb v/v			05/23/14 17:59	1
1,2,4-Trimethylbenzene	ND		4.0		ppb v/v			05/23/14 17:59	1
<b>Toluene</b>	<b>4.1</b>		4.0		ppb v/v			05/23/14 17:59	1
o-Xylene	ND		4.0		ppb v/v			05/23/14 17:59	1
trans-1,2-Dichloroethene	ND		4.0		ppb v/v			05/23/14 17:59	1
1,1-Dichloroethene	ND		4.0		ppb v/v			05/23/14 17:59	1
<b>Trichloroethene</b>	<b>550</b>		4.0		ppb v/v			05/23/14 17:59	1
Ethylbenzene	ND		4.0		ppb v/v			05/23/14 17:59	1
Xylenes, Total	ND		8.0		ppb v/v			05/23/14 17:59	1
<b>cis-1,2-Dichloroethene</b>	<b>110</b>		4.0		ppb v/v			05/23/14 17:59	1
m-Xylene & p-Xylene	ND		4.0		ppb v/v			05/23/14 17:59	1
Vinyl chloride	ND		4.0		ppb v/v			05/23/14 17:59	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	94		60 - 140					05/23/14 17:59	1

# Client Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-108-051414**

**Lab Sample ID: 240-37510-6**

Date Collected: 05/14/14 13:04

Matrix: Air

Date Received: 05/19/14 09:45

Sample Container: Summa Canister 6L

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Benzene</b>	<b>0.21</b>		0.20		ppb v/v			05/23/14 22:10	1
Tetrachloroethene	ND		0.20		ppb v/v			05/23/14 22:10	1
1,2-Dichloroethane	ND		0.20		ppb v/v			05/23/14 22:10	1
1,1,2-Trichloroethane	ND		0.20		ppb v/v			05/23/14 22:10	1
Methylene Chloride	ND		0.50		ppb v/v			05/23/14 22:10	1
<b>1,2,4-Trimethylbenzene</b>	<b>0.23</b>		0.20		ppb v/v			05/23/14 22:10	1
<b>Toluene</b>	<b>6.6</b>		0.20		ppb v/v			05/23/14 22:10	1
<b>o-Xylene</b>	<b>1.0</b>		0.20		ppb v/v			05/23/14 22:10	1
trans-1,2-Dichloroethene	ND		0.20		ppb v/v			05/23/14 22:10	1
1,1-Dichloroethene	ND		0.20		ppb v/v			05/23/14 22:10	1
<b>Trichloroethene</b>	<b>0.29</b>		0.20		ppb v/v			05/23/14 22:10	1
<b>Ethylbenzene</b>	<b>0.71</b>		0.20		ppb v/v			05/23/14 22:10	1
<b>Xylenes, Total</b>	<b>3.9</b>		0.40		ppb v/v			05/23/14 22:10	1
cis-1,2-Dichloroethene	ND		0.20		ppb v/v			05/23/14 22:10	1
<b>m-Xylene &amp; p-Xylene</b>	<b>2.9</b>		0.20		ppb v/v			05/23/14 22:10	1
Vinyl chloride	ND		0.20		ppb v/v			05/23/14 22:10	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	99		60 - 140					05/23/14 22:10	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-101-051414**

**Lab Sample ID: 240-37510-7**

**Date Collected: 05/14/14 13:00**

**Matrix: Air**

**Date Received: 05/19/14 09:45**

**Sample Container: Summa Canister 6L**

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.0		ppb v/v			05/23/14 23:47	1
Tetrachloroethene	ND		4.0		ppb v/v			05/23/14 23:47	1
1,2-Dichloroethane	ND		4.0		ppb v/v			05/23/14 23:47	1
1,1,2-Trichloroethane	ND		4.0		ppb v/v			05/23/14 23:47	1
Methylene Chloride	ND		10		ppb v/v			05/23/14 23:47	1
1,2,4-Trimethylbenzene	ND		4.0		ppb v/v			05/23/14 23:47	1
<b>Toluene</b>	<b>4.5</b>		4.0		ppb v/v			05/23/14 23:47	1
o-Xylene	ND		4.0		ppb v/v			05/23/14 23:47	1
trans-1,2-Dichloroethene	ND		4.0		ppb v/v			05/23/14 23:47	1
1,1-Dichloroethene	ND		4.0		ppb v/v			05/23/14 23:47	1
<b>Trichloroethene</b>	<b>570</b>		4.0		ppb v/v			05/23/14 23:47	1
Ethylbenzene	ND		4.0		ppb v/v			05/23/14 23:47	1
Xylenes, Total	ND		8.0		ppb v/v			05/23/14 23:47	1
<b>cis-1,2-Dichloroethene</b>	<b>120</b>		4.0		ppb v/v			05/23/14 23:47	1
m-Xylene & p-Xylene	ND		4.0		ppb v/v			05/23/14 23:47	1
Vinyl chloride	ND		4.0		ppb v/v			05/23/14 23:47	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	98		60 - 140					05/23/14 23:47	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-114-051414**

**Lab Sample ID: 240-37510-8**

Date Collected: 05/14/14 14:30

Matrix: Air

Date Received: 05/19/14 09:45

Sample Container: Summa Canister 6L

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Benzene</b>	<b>0.38</b>		0.20		ppb v/v			05/24/14 00:37	1
Tetrachloroethene	ND		0.20		ppb v/v			05/24/14 00:37	1
1,2-Dichloroethane	ND		0.20		ppb v/v			05/24/14 00:37	1
1,1,2-Trichloroethane	ND		0.20		ppb v/v			05/24/14 00:37	1
<b>Methylene Chloride</b>	<b>0.84</b>		0.50		ppb v/v			05/24/14 00:37	1
<b>1,2,4-Trimethylbenzene</b>	<b>0.22</b>		0.20		ppb v/v			05/24/14 00:37	1
<b>Toluene</b>	<b>5.7</b>		0.20		ppb v/v			05/24/14 00:37	1
<b>o-Xylene</b>	<b>0.90</b>		0.20		ppb v/v			05/24/14 00:37	1
trans-1,2-Dichloroethene	ND		0.20		ppb v/v			05/24/14 00:37	1
1,1-Dichloroethene	ND		0.20		ppb v/v			05/24/14 00:37	1
<b>Trichloroethene</b>	<b>20</b>		0.20		ppb v/v			05/24/14 00:37	1
<b>Ethylbenzene</b>	<b>0.60</b>		0.20		ppb v/v			05/24/14 00:37	1
<b>Xylenes, Total</b>	<b>3.4</b>		0.40		ppb v/v			05/24/14 00:37	1
<b>cis-1,2-Dichloroethene</b>	<b>20</b>		0.20		ppb v/v			05/24/14 00:37	1
<b>m-Xylene &amp; p-Xylene</b>	<b>2.5</b>		0.20		ppb v/v			05/24/14 00:37	1
Vinyl chloride	ND		0.20		ppb v/v			05/24/14 00:37	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	105		60 - 140					05/24/14 00:37	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: AB-101-051414**

**Lab Sample ID: 240-37510-9**

**Date Collected: 05/14/14 14:11**

**Matrix: Air**

**Date Received: 05/19/14 09:45**

**Sample Container: Summa Canister 6L**

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20		ppb v/v			05/24/14 01:27	1
Tetrachloroethene	ND		0.20		ppb v/v			05/24/14 01:27	1
1,2-Dichloroethane	ND		0.20		ppb v/v			05/24/14 01:27	1
1,1,2-Trichloroethane	ND		0.20		ppb v/v			05/24/14 01:27	1
Methylene Chloride	ND		0.50		ppb v/v			05/24/14 01:27	1
1,2,4-Trimethylbenzene	ND		0.20		ppb v/v			05/24/14 01:27	1
Toluene	ND		0.20		ppb v/v			05/24/14 01:27	1
o-Xylene	ND		0.20		ppb v/v			05/24/14 01:27	1
trans-1,2-Dichloroethene	ND		0.20		ppb v/v			05/24/14 01:27	1
1,1-Dichloroethene	ND		0.20		ppb v/v			05/24/14 01:27	1
Trichloroethene	ND		0.20		ppb v/v			05/24/14 01:27	1
Ethylbenzene	ND		0.20		ppb v/v			05/24/14 01:27	1
Xylenes, Total	ND		0.40		ppb v/v			05/24/14 01:27	1
cis-1,2-Dichloroethene	ND		0.20		ppb v/v			05/24/14 01:27	1
m-Xylene & p-Xylene	ND		0.20		ppb v/v			05/24/14 01:27	1
Vinyl chloride	ND		0.20		ppb v/v			05/24/14 01:27	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	99		60 - 140					05/24/14 01:27	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: TB-101-051414**

**Lab Sample ID: 240-37510-10**

**Date Collected: 05/14/14 00:00**

**Matrix: Air**

**Date Received: 05/19/14 09:45**

**Sample Container: Summa Canister 6L**

**Method: TO-15 - Volatile Organic Compounds in Ambient Air**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20		ppb v/v			05/24/14 02:16	1
Tetrachloroethene	ND		0.20		ppb v/v			05/24/14 02:16	1
1,2-Dichloroethane	ND		0.20		ppb v/v			05/24/14 02:16	1
1,1,2-Trichloroethane	ND		0.20		ppb v/v			05/24/14 02:16	1
Methylene Chloride	ND		0.50		ppb v/v			05/24/14 02:16	1
1,2,4-Trimethylbenzene	ND		0.20		ppb v/v			05/24/14 02:16	1
Toluene	ND		0.20		ppb v/v			05/24/14 02:16	1
o-Xylene	ND		0.20		ppb v/v			05/24/14 02:16	1
trans-1,2-Dichloroethene	ND		0.20		ppb v/v			05/24/14 02:16	1
1,1-Dichloroethene	ND		0.20		ppb v/v			05/24/14 02:16	1
Trichloroethene	ND		0.20		ppb v/v			05/24/14 02:16	1
Ethylbenzene	ND		0.20		ppb v/v			05/24/14 02:16	1
Xylenes, Total	ND		0.40		ppb v/v			05/24/14 02:16	1
cis-1,2-Dichloroethene	ND		0.20		ppb v/v			05/24/14 02:16	1
m-Xylene & p-Xylene	ND		0.20		ppb v/v			05/24/14 02:16	1
Vinyl chloride	ND		0.20		ppb v/v			05/24/14 02:16	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	97		60 - 140					05/24/14 02:16	1

# Surrogate Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260A - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (39-128)	BFB (26-141)	TOL (33-134)	DBFM (37-122)
240-37154-15	SD-17-2014-S	92	102	107	99
240-37154-16	SD-9-2014-S	90	101	108	97
240-37154-17	SD-4-2014-S	91	101	106	99
240-37154-18	SD-12-2014-S	87	81	88	82
240-37154-18 MS	SD-12-2014-S	83	85	92	90
240-37154-18 MSD	SD-12-2014-S	85	85	91	90
240-37154-19	SD-7-2014-S	93	102	106	98
240-37154-20	FD-04-SD-2014-S	91	101	107	99
LCS 240-130825/5	Lab Control Sample	88	99	106	96
LCS 240-130966/5	Lab Control Sample	82	83	94	91
MB 240-130825/6	Method Blank	91	98	103	95
MB 240-130966/6	Method Blank	84	82	92	84

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
TOL = Toluene-d8 (Surr)  
DBFM = Dibromofluoromethane (Surr)

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-120)	TOL (74-120)	DBFM (75-121)
240-36960-1	MW-59-2014-S	89	84	95	94
240-36960-2	MW-58-2014-S	93	84	96	97
240-36960-3	MW-57-2014-S	93	86	96	98
240-36960-4	FD-01-2014-S	91	83	95	95
240-36960-5	MW-50-2014-S	92	78	93	93
240-36960-5 MS	MW-50-2014-S	90	79	96	94
240-36960-5 MSD	MW-50-2014-S	88	78	94	93
240-36960-6	MW-14-2014-S	88	83	97	94
240-36960-7	MW-49-2014-S	88	84	96	95
240-36960-8	MW-44-2014-S	93	85	96	97
240-36960-9	MW-43-2014-S	94	85	96	96
240-36960-10	MW-55-2014-S	93	86	96	94
240-36960-11	MW-41-2014-S	94	87	96	98
240-36960-12	MW-56-2014-S	91	84	97	95
240-36960-13	MW-42-2014-S	95	85	94	98
240-36960-14	EB-101-GW	90	79	93	91
240-36960-15	TRIP BLANK	92	80	93	89
240-36960-15	TRIP BLANK	106	88	91	103
240-36960-15	TRIP BLANK	109	83	82	109
240-36960-15	TRIP BLANK	89	74	92	89
240-36960-15	TRIP BLANK	102	95	85	101
240-37050-1	MW-45-2014-S	104	93	89	103
240-37050-2	MW-46-2014-S	81	79	89	85
240-37050-5	MW-51-2014-S	102	93	89	103

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# Surrogate Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-120)	TOL (74-120)	DBFM (75-121)
240-37050-6	MW-52-2014-S	105	87	92	106
240-37050-7	MW-12-2014-S	107	87	92	104
240-37050-8	MW-20-2014-S	91	81	91	101
240-37050-9	EB-201-2014-S	106	86	90	103
240-37154-1	RT-5-2014-S	76	80	92	85
240-37154-1 MS	RT-5-2014-S	75	94	92	84
240-37154-1 MSD	RT-5-2014-S	75	96	92	82
240-37154-2	RT-4-2014-S	77	79	93	87
240-37154-3	RT-2-2014-S	78	82	86	85
240-37154-4	RT-1-2014-S	79	79	93	86
240-37154-5	FD-02-2014-S	79	82	87	85
240-37154-6	EB-301-GW	77	80	90	84
240-37154-7	SW-17-2014-S	76	77	90	86
240-37154-8	SW-9-2014-S	77	77	91	86
240-37154-9	SW-19-2014-S	78	79	89	84
240-37154-10	SW-12-2014-S	90	79	92	97
240-37154-10 MS	SW-12-2014-S	92	77	93	95
240-37154-10 MSD	SW-12-2014-S	89	77	94	94
240-37154-11	SW-22-2014-S	77	77	90	85
240-37154-12	FD-03-SW-2014-S	78	79	90	86
240-37154-14	EB-302-SW	87	73	94	89
240-37154-21	EB-303-SD	89	78	88	93
240-37219-1	MW-11-2014-S	90	75	93	91
240-37219-1 MS	MW-11-2014-S	92	78	94	96
240-37219-1 MSD	MW-11-2014-S	91	77	92	95
240-37219-2	MW-7-2014-S	92	73	93	91
240-37219-3	MW-25-2014-S	90	74	92	89
240-37219-4	MW-53-2014-S	91	76	90	94
240-37219-5	EB-401-2014-S	90	73	94	89
240-37219-6	MW-5-2014-S	87	74	95	90
240-37266-1	MW-8-2014-S	109	83	86	98
240-37266-2	MW-23-2014-S	104	85	90	99
240-37266-3	MW-13-2014-S	105	86	89	100
240-37266-4	MW-16-2014-S	103	83	89	101
240-37266-5	EB-501-2014-S	107	85	88	102
240-37266-6	MW-54-2014-S	103	87	94	98
240-37266-7	MW-10-2014-S	102	92	88	102
240-37266-8	MW-9-2014-S	100	93	86	103
240-37489-1	EB-601-051514	97	75	82	94
240-37489-2	FD-601-051514	89	77	91	98
240-37489-3	VP-101-051514	90	73	93	95
240-37489-4	VP-103-051514	96	81	84	93
240-37489-5	VP-108-051514	100	80	83	98
240-37489-6	VP-107-051514	102	81	82	98
240-37489-7	VP-110-051514	98	79	85	98
240-37489-8	VP-106-051514	101	79	85	97
240-37489-9	VP-112-051514	102	78	83	96
240-37489-10	VP-114-051514	122	89	90	105
240-37489-10 MS	VP-114-051514	110	99	99	99

TestAmerica Canton

# Surrogate Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-120)	TOL (74-120)	DBFM (75-121)
240-37489-10 MSD	VP-114-051514	110	98	97	98
240-37489-11	MW-48-2014-SR	90	77	92	95
240-37489-12	MW-47-2014-SR	99	79	85	99
240-37489-13	TRIP BLANKS	98	75	84	97
LCS 240-130511/4	Lab Control Sample	94	85	98	98
LCS 240-130596/4	Lab Control Sample	78	91	89	86
LCS 240-130942/4	Lab Control Sample	107	98	92	100
LCS 240-131072/4	Lab Control Sample	80	95	95	83
LCS 240-131079/4	Lab Control Sample	94	98	96	96
LCS 240-131080/4	Lab Control Sample	101	95	94	100
LCS 240-131131/4	Lab Control Sample	74	92	91	83
LCS 240-131184/4	Lab Control Sample	103	99	93	98
LCS 240-131196/3	Lab Control Sample	89	79	95	95
LCS 240-131333/4	Lab Control Sample	76	96	90	84
LCS 240-131335/4	Lab Control Sample	97	92	84	104
LCS 240-131365/3	Lab Control Sample	102	87	101	105
LCS 240-131531/4	Lab Control Sample	86	100	94	95
LCS 240-131760/4	Lab Control Sample	91	76	91	95
LCS 240-131939/3	Lab Control Sample	97	83	100	109
LCS 240-131983/4	Lab Control Sample	108	97	97	100
LCS 240-132099/4	Lab Control Sample	91	91	90	92
LCS 240-132266/4	Lab Control Sample	92	88	89	94
MB 240-130511/6	Method Blank	92	84	94	93
MB 240-130596/5	Method Blank	80	84	88	85
MB 240-130942/6	Method Blank	105	87	87	100
MB 240-131072/5	Method Blank	77	80	90	88
MB 240-131079/6	Method Blank	98	85	89	95
MB 240-131080/6	Method Blank	105	88	91	103
MB 240-131131/5	Method Blank	78	80	89	84
MB 240-131184/6	Method Blank	110	87	90	105
MB 240-131196/5	Method Blank	93	75	92	88
MB 240-131333/5	Method Blank	78	81	86	87
MB 240-131335/5	Method Blank	102	81	80	107
MB 240-131365/5	Method Blank	87	83	93	89
MB 240-131531/6	Method Blank	101	82	89	111
MB 240-131760/6	Method Blank	88	79	89	95
MB 240-131939/5	Method Blank	88	76	96	91
MB 240-131983/6	Method Blank	118	86	94	101
MB 240-132099/5	Method Blank	96	81	83	94
MB 240-132266/5	Method Blank	101	76	81	93

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

# Surrogate Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (29-110)	2FP (15-110)	TBP (21-128)	NBZ (31-110)	PHL (10-110)	TPH (31-115)
240-37135-1	RT-5-2014-S	61	63	58	65	68	78
240-37135-1 MS	RT-5-2014-S	69	67	66	70	72	48
240-37135-1 MSD	RT-5-2014-S	69	63	72	68	70	50
240-37135-2	RT-4-2014-S	52	49	54	53	48	59
240-37135-3	RT-2-2014-S	61	61	58	68	66	79
240-37135-5	FD-02-2014-S	58	57	54	65	60	75
240-37135-12	EB-301-GW	61	66	50	70	62	81
240-37266-2	MW-23-2014-S	64	61	65	71	47	84
240-37266-5	EB-501-2014-S	67	70	67	74	76	94
LCS 240-130584/21-A	Lab Control Sample	77	76	77	81	82	94
MB 240-130584/20-A	Method Blank	71	69	68	73	68	91

### Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)  
2FP = 2-Fluorophenol (Surr)  
TBP = 2,4,6-Tribromophenol (Surr)  
NBZ = Nitrobenzene-d5 (Surr)  
PHL = Phenol-d5 (Surr)  
TPH = Terphenyl-d14 (Surr)

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

Matrix: Air

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		BFB (60-140)
240-37510-1	VP-3-051114	101
240-37510-2	VP-11-051114	102
240-37510-3	VP-107-051414	95
240-37510-4	VP-110-051414	98
240-37510-5	VP-106-051414	94
240-37510-6	VP-108-051414	99
240-37510-7	FD-101-051414	98
240-37510-8	VP-114-051414	105
240-37510-9	AB-101-051414	99
240-37510-10	TB-101-051414	97
LCS 140-1246/1002	Lab Control Sample	101
LCS 140-1254/1002	Lab Control Sample	102
MB 140-1246/5	Method Blank	97
MB 140-1254/4	Method Blank	96

### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260A - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-130825/6**

**Matrix: Solid**

**Analysis Batch: 130825**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0		ug/L			05/15/14 12:53	1
1,1-Dichloroethene	ND		5.0		ug/L			05/15/14 12:53	1
1,2-Dichloroethane	ND		5.0		ug/L			05/15/14 12:53	1
Benzene	ND		5.0		ug/L			05/15/14 12:53	1
cis-1,2-Dichloroethene	ND		2.5		ug/L			05/15/14 12:53	1
Tetrachloroethene	ND		5.0		ug/L			05/15/14 12:53	1
Toluene	ND		5.0		ug/L			05/15/14 12:53	1
Trichloroethene	ND		5.0		ug/L			05/15/14 12:53	1
Vinyl chloride	ND		10		ug/L			05/15/14 12:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		39 - 128		05/15/14 12:53	1
4-Bromofluorobenzene (Surr)	98		26 - 141		05/15/14 12:53	1
Toluene-d8 (Surr)	103		33 - 134		05/15/14 12:53	1
Dibromofluoromethane (Surr)	95		37 - 122		05/15/14 12:53	1

**Lab Sample ID: LCS 240-130825/5**

**Matrix: Solid**

**Analysis Batch: 130825**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	50.0	51.2		ug/L		102	74 - 120
1,1-Dichloroethene	50.0	46.5		ug/L		93	44 - 143
1,2-Dichloroethane	50.0	50.1		ug/L		100	68 - 120
Benzene	50.0	50.2		ug/L		100	70 - 120
cis-1,2-Dichloroethene	50.0	50.2		ug/L		100	60 - 125
Tetrachloroethene	50.0	55.8		ug/L		112	58 - 131
Toluene	50.0	53.2		ug/L		106	66 - 123
Trichloroethene	50.0	54.9		ug/L		110	59 - 124
Vinyl chloride	50.0	47.1		ug/L		94	33 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		39 - 128
4-Bromofluorobenzene (Surr)	99		26 - 141
Toluene-d8 (Surr)	106		33 - 134
Dibromofluoromethane (Surr)	96		37 - 122

**Lab Sample ID: MB 240-130966/6**

**Matrix: Solid**

**Analysis Batch: 130966**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0		ug/L			05/16/14 12:34	1
1,1-Dichloroethene	ND		5.0		ug/L			05/16/14 12:34	1
1,2-Dichloroethane	ND		5.0		ug/L			05/16/14 12:34	1
Benzene	ND		5.0		ug/L			05/16/14 12:34	1
cis-1,2-Dichloroethene	ND		2.5		ug/L			05/16/14 12:34	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260A - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-130966/6**  
**Matrix: Solid**  
**Analysis Batch: 130966**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		5.0		ug/L			05/16/14 12:34	1
Toluene	ND		5.0		ug/L			05/16/14 12:34	1
Trichloroethene	ND		5.0		ug/L			05/16/14 12:34	1
Vinyl chloride	ND		10		ug/L			05/16/14 12:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		39 - 128		05/16/14 12:34	1
4-Bromofluorobenzene (Surr)	82		26 - 141		05/16/14 12:34	1
Toluene-d8 (Surr)	92		33 - 134		05/16/14 12:34	1
Dibromofluoromethane (Surr)	84		37 - 122		05/16/14 12:34	1

**Lab Sample ID: LCS 240-130966/5**  
**Matrix: Solid**  
**Analysis Batch: 130966**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	50.0	54.0		ug/L		108	74 - 120
1,1-Dichloroethene	50.0	50.7		ug/L		101	44 - 143
1,2-Dichloroethane	50.0	47.4		ug/L		95	68 - 120
Benzene	50.0	53.5		ug/L		107	70 - 120
cis-1,2-Dichloroethene	50.0	52.8		ug/L		106	60 - 125
Tetrachloroethene	50.0	57.9		ug/L		116	58 - 131
Toluene	50.0	56.4		ug/L		113	66 - 123
Trichloroethene	50.0	57.3		ug/L		115	59 - 124
Vinyl chloride	50.0	47.3		ug/L		95	33 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	82		39 - 128
4-Bromofluorobenzene (Surr)	83		26 - 141
Toluene-d8 (Surr)	94		33 - 134
Dibromofluoromethane (Surr)	91		37 - 122

**Lab Sample ID: 240-37154-18 MS**  
**Matrix: Solid**  
**Analysis Batch: 130966**

**Client Sample ID: SD-12-2014-S**  
**Prep Type: Total/NA**  
**Prep Batch: 130998**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		106	115		ug/L	☼	109	34 - 152
1,1-Dichloroethene	ND		106	99.9		ug/L	☼	94	10 - 179
1,2-Dichloroethane	ND		106	100		ug/L	☼	95	25 - 150
Benzene	ND		106	106		ug/L	☼	100	10 - 199
cis-1,2-Dichloroethene	46		106	150		ug/L	☼	99	34 - 137
Tetrachloroethene	ND		106	98.8		ug/L	☼	93	19 - 153
Toluene	ND		106	104		ug/L	☼	98	10 - 168
Trichloroethene	140		106	251		ug/L	☼	103	10 - 193
Vinyl chloride	ND		106	93.0		ug/L	☼	88	15 - 123

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260A - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-37154-18 MS

Matrix: Solid

Analysis Batch: 130966

Client Sample ID: SD-12-2014-S

Prep Type: Total/NA

Prep Batch: 130998

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	83		39 - 128
4-Bromofluorobenzene (Surr)	85		26 - 141
Toluene-d8 (Surr)	92		33 - 134
Dibromofluoromethane (Surr)	90		37 - 122

Lab Sample ID: 240-37154-18 MSD

Matrix: Solid

Analysis Batch: 130966

Client Sample ID: SD-12-2014-S

Prep Type: Total/NA

Prep Batch: 130998

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane	ND		108	117		ug/L	*	108	34 - 152	2	30
1,1-Dichloroethene	ND		108	102		ug/L	*	94	10 - 179	2	30
1,2-Dichloroethane	ND		108	103		ug/L	*	95	25 - 150	3	30
Benzene	ND		108	107		ug/L	*	99	10 - 199	1	30
cis-1,2-Dichloroethene	46		108	162		ug/L	*	107	34 - 137	8	30
Tetrachloroethene	ND		108	96.4		ug/L	*	89	19 - 153	2	30
Toluene	ND		108	102		ug/L	*	94	10 - 168	2	30
Trichloroethene	140		108	272		ug/L	*	120	10 - 193	8	30
Vinyl chloride	ND		108	95.6		ug/L	*	88	15 - 123	3	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		39 - 128
4-Bromofluorobenzene (Surr)	85		26 - 141
Toluene-d8 (Surr)	91		33 - 134
Dibromofluoromethane (Surr)	90		37 - 122

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-130511/6

Matrix: Water

Analysis Batch: 130511

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/14/14 00:49	1
1,1-Dichloroethene	ND		1.0		ug/L			05/14/14 00:49	1
1,2-Dichloroethane	ND		1.0		ug/L			05/14/14 00:49	1
Benzene	ND		1.0		ug/L			05/14/14 00:49	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/14/14 00:49	1
Tetrachloroethene	ND		1.0		ug/L			05/14/14 00:49	1
Toluene	ND		1.0		ug/L			05/14/14 00:49	1
Trichloroethene	ND		1.0		ug/L			05/14/14 00:49	1
Vinyl chloride	ND		1.0		ug/L			05/14/14 00:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		63 - 129		05/14/14 00:49	1
4-Bromofluorobenzene (Surr)	84		66 - 120		05/14/14 00:49	1
Toluene-d8 (Surr)	94		74 - 120		05/14/14 00:49	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-130511/6**  
**Matrix: Water**  
**Analysis Batch: 130511**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Dibromofluoromethane (Surr)</i>	93		75 - 121		05/14/14 00:49	1

**Lab Sample ID: LCS 240-130511/4**  
**Matrix: Water**  
**Analysis Batch: 130511**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>
1,1,2-Trichloroethane	25.0	24.7		ug/L		99	80 - 120
1,1-Dichloroethene	25.0	24.0		ug/L		96	78 - 131
1,2-Dichloroethane	25.0	27.6		ug/L		111	71 - 127
Benzene	25.0	26.2		ug/L		105	80 - 120
cis-1,2-Dichloroethene	25.0	25.8		ug/L		103	80 - 120
Tetrachloroethene	25.0	25.0		ug/L		100	79 - 120
Toluene	25.0	24.1		ug/L		96	80 - 120
Trichloroethene	25.0	27.6		ug/L		110	76 - 120
Vinyl chloride	25.0	20.2		ug/L		81	53 - 127

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	94		63 - 129
<i>4-Bromofluorobenzene (Surr)</i>	85		66 - 120
<i>Toluene-d8 (Surr)</i>	98		74 - 120
<i>Dibromofluoromethane (Surr)</i>	98		75 - 121

**Lab Sample ID: MB 240-130596/5**  
**Matrix: Water**  
**Analysis Batch: 130596**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

<i>Analyte</i>	<i>MB Result</i>	<i>MB Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,1,2-Trichloroethane	ND		1.0		ug/L			05/14/14 11:35	1
1,1-Dichloroethene	ND		1.0		ug/L			05/14/14 11:35	1
1,2-Dichloroethane	ND		1.0		ug/L			05/14/14 11:35	1
Benzene	ND		1.0		ug/L			05/14/14 11:35	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/14/14 11:35	1
Tetrachloroethene	ND		1.0		ug/L			05/14/14 11:35	1
Toluene	ND		1.0		ug/L			05/14/14 11:35	1
Trichloroethene	ND		1.0		ug/L			05/14/14 11:35	1
Vinyl chloride	ND		1.0		ug/L			05/14/14 11:35	1

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	80		63 - 129		05/14/14 11:35	1
<i>4-Bromofluorobenzene (Surr)</i>	84		66 - 120		05/14/14 11:35	1
<i>Toluene-d8 (Surr)</i>	88		74 - 120		05/14/14 11:35	1
<i>Dibromofluoromethane (Surr)</i>	85		75 - 121		05/14/14 11:35	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-130596/4**

**Matrix: Water**

**Analysis Batch: 130596**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	9.34		ug/L		93	80 - 120
1,1-Dichloroethene	10.0	9.67		ug/L		97	78 - 131
1,2-Dichloroethane	10.0	8.88		ug/L		89	71 - 127
Benzene	10.0	9.16		ug/L		92	80 - 120
cis-1,2-Dichloroethene	10.0	9.31		ug/L		93	80 - 120
Tetrachloroethene	10.0	9.71		ug/L		97	79 - 120
Toluene	10.0	9.60		ug/L		96	80 - 120
Trichloroethene	10.0	9.61		ug/L		96	76 - 120
Vinyl chloride	10.0	8.92		ug/L		89	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	78		63 - 129
4-Bromofluorobenzene (Surr)	91		66 - 120
Toluene-d8 (Surr)	89		74 - 120
Dibromofluoromethane (Surr)	86		75 - 121

**Lab Sample ID: 240-36960-5 MS**

**Matrix: Water**

**Analysis Batch: 130697**

**Client Sample ID: MW-50-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		25.0	23.4		ug/L		94	75 - 120
1,1-Dichloroethene	ND		25.0	22.3		ug/L		87	74 - 135
1,2-Dichloroethane	ND		25.0	25.9		ug/L		103	68 - 129
Benzene	ND		25.0	25.6		ug/L		98	72 - 121
cis-1,2-Dichloroethene	23		25.0	46.3		ug/L		95	70 - 120
Tetrachloroethene	ND		25.0	23.2		ug/L		93	70 - 120
Toluene	ND		25.0	23.5		ug/L		92	78 - 120
Trichloroethene	5.0		25.0	30.4		ug/L		102	66 - 120
Vinyl chloride	6.4		25.0	26.6		ug/L		81	49 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		63 - 129
4-Bromofluorobenzene (Surr)	79		66 - 120
Toluene-d8 (Surr)	96		74 - 120
Dibromofluoromethane (Surr)	94		75 - 121

**Lab Sample ID: 240-36960-5 MSD**

**Matrix: Water**

**Analysis Batch: 130697**

**Client Sample ID: MW-50-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane	ND		25.0	22.8		ug/L		91	75 - 120	3	30
1,1-Dichloroethene	ND		25.0	22.2		ug/L		86	74 - 135	0	30
1,2-Dichloroethane	ND		25.0	25.7		ug/L		103	68 - 129	0	30
Benzene	ND		25.0	25.1		ug/L		96	72 - 121	2	30
cis-1,2-Dichloroethene	23		25.0	45.2		ug/L		90	70 - 120	2	30

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-36960-5 MSD

Matrix: Water

Analysis Batch: 130697

Client Sample ID: MW-50-2014-S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene	ND		25.0	23.0		ug/L		92	70 - 120	1	30
Toluene	ND		25.0	23.4		ug/L		92	78 - 120	0	30
Trichloroethene	5.0		25.0	30.3		ug/L		101	66 - 120	0	30
Vinyl chloride	6.4		25.0	24.0		ug/L		70	49 - 130	10	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		63 - 129
4-Bromofluorobenzene (Surr)	78		66 - 120
Toluene-d8 (Surr)	94		74 - 120
Dibromofluoromethane (Surr)	93		75 - 121

Lab Sample ID: MB 240-130942/6

Matrix: Water

Analysis Batch: 130942

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/16/14 14:19	1
1,1-Dichloroethene	ND		1.0		ug/L			05/16/14 14:19	1
1,2-Dichloroethane	ND		1.0		ug/L			05/16/14 14:19	1
Benzene	ND		1.0		ug/L			05/16/14 14:19	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/16/14 14:19	1
Tetrachloroethene	ND		1.0		ug/L			05/16/14 14:19	1
Toluene	ND		1.0		ug/L			05/16/14 14:19	1
Trichloroethene	ND		1.0		ug/L			05/16/14 14:19	1
Vinyl chloride	ND		1.0		ug/L			05/16/14 14:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		05/16/14 14:19	1
4-Bromofluorobenzene (Surr)	87		66 - 120		05/16/14 14:19	1
Toluene-d8 (Surr)	87		74 - 120		05/16/14 14:19	1
Dibromofluoromethane (Surr)	100		75 - 121		05/16/14 14:19	1

Lab Sample ID: LCS 240-130942/4

Matrix: Water

Analysis Batch: 130942

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	10.5		ug/L		105	80 - 120
1,1-Dichloroethene	10.0	10.5		ug/L		105	78 - 131
1,2-Dichloroethane	10.0	11.0		ug/L		110	71 - 127
Benzene	10.0	10.2		ug/L		102	80 - 120
cis-1,2-Dichloroethene	10.0	10.4		ug/L		104	80 - 120
Tetrachloroethene	10.0	9.58		ug/L		96	79 - 120
Toluene	10.0	10.1		ug/L		101	80 - 120
Trichloroethene	10.0	10.4		ug/L		104	76 - 120
Vinyl chloride	10.0	8.17		ug/L		82	53 - 127

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-130942/4**

**Matrix: Water**

**Analysis Batch: 130942**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	107		63 - 129
4-Bromofluorobenzene (Surr)	98		66 - 120
Toluene-d8 (Surr)	92		74 - 120
Dibromofluoromethane (Surr)	100		75 - 121

**Lab Sample ID: MB 240-131072/5**

**Matrix: Water**

**Analysis Batch: 131072**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 12:35	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 12:35	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 12:35	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 12:35	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 12:35	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 12:35	1
Acetone	ND		10		ug/L			05/17/14 12:35	1
Benzene	ND		1.0		ug/L			05/17/14 12:35	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 12:35	1
Chloroethane	ND		1.0		ug/L			05/17/14 12:35	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 12:35	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 12:35	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 12:35	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 12:35	1
Toluene	ND		1.0		ug/L			05/17/14 12:35	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 12:35	1
Trichloroethene	ND		1.0		ug/L			05/17/14 12:35	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 12:35	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 12:35	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	77		63 - 129		05/17/14 12:35	1
4-Bromofluorobenzene (Surr)	80		66 - 120		05/17/14 12:35	1
Toluene-d8 (Surr)	90		74 - 120		05/17/14 12:35	1
Dibromofluoromethane (Surr)	88		75 - 121		05/17/14 12:35	1

**Lab Sample ID: LCS 240-131072/4**

**Matrix: Water**

**Analysis Batch: 131072**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1-Trichloroethane	10.0	9.74		ug/L		97	74 - 120
1,1,2-Trichloroethane	10.0	9.84		ug/L		98	80 - 120
1,1-Dichloroethane	10.0	10.2		ug/L		102	80 - 120
1,1-Dichloroethene	10.0	10.5		ug/L		105	78 - 131
1,2-Dichloroethane	10.0	9.01		ug/L		90	71 - 127
1,2-Dichloropropane	10.0	9.82		ug/L		98	80 - 120
Acetone	20.0	15.8		ug/L		79	43 - 136

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-131072/4

Matrix: Water

Analysis Batch: 131072

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.86		ug/L		99	80 - 120
Carbon disulfide	10.0	10.5		ug/L		105	62 - 142
Chloroethane	10.0	9.25		ug/L		92	25 - 153
cis-1,2-Dichloroethene	10.0	9.59		ug/L		96	80 - 120
Ethylbenzene	10.0	9.43		ug/L		94	80 - 120
Methylene Chloride	10.0	9.98		ug/L		100	66 - 131
Tetrachloroethene	10.0	10.9		ug/L		109	79 - 120
Toluene	10.0	10.7		ug/L		107	80 - 120
trans-1,2-Dichloroethene	10.0	10.1		ug/L		101	80 - 120
Trichloroethene	10.0	9.78		ug/L		98	76 - 120
Vinyl chloride	10.0	9.55		ug/L		96	53 - 127
Xylenes, Total	20.0	18.7		ug/L		93	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	80		63 - 129
4-Bromofluorobenzene (Surr)	95		66 - 120
Toluene-d8 (Surr)	95		74 - 120
Dibromofluoromethane (Surr)	83		75 - 121

Lab Sample ID: 240-37154-1 MS

Matrix: Water

Analysis Batch: 131072

Client Sample ID: RT-5-2014-S

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		66.7	63.1		ug/L		95	68 - 121
1,1,2-Trichloroethane	ND		66.7	64.4		ug/L		96	75 - 120
1,1-Dichloroethane	ND		66.7	67.5		ug/L		101	79 - 120
1,1-Dichloroethene	ND		66.7	65.4		ug/L		98	74 - 135
1,2-Dichloroethane	ND		66.7	59.1		ug/L		89	68 - 129
1,2-Dichloropropane	ND		66.7	64.6		ug/L		97	78 - 120
Acetone	ND		133	86.6		ug/L		65	33 - 145
Benzene	ND		66.7	64.1		ug/L		96	72 - 121
Carbon disulfide	ND		66.7	66.1		ug/L		99	57 - 147
Chloroethane	ND		66.7	64.5		ug/L		97	21 - 165
cis-1,2-Dichloroethene	210		66.7	263		ug/L		73	70 - 120
Ethylbenzene	ND		66.7	60.2		ug/L		90	75 - 120
Methylene Chloride	ND		66.7	62.9		ug/L		94	63 - 128
Tetrachloroethene	ND		66.7	68.7		ug/L		103	70 - 120
Toluene	ND		66.7	67.7		ug/L		101	78 - 120
trans-1,2-Dichloroethene	ND		66.7	67.6		ug/L		101	80 - 120
Trichloroethene	150		66.7	207		ug/L		84	66 - 120
Vinyl chloride	16		66.7	77.0		ug/L		91	49 - 130
Xylenes, Total	ND		133	116		ug/L		87	76 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	75		63 - 129
4-Bromofluorobenzene (Surr)	94		66 - 120

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-37154-1 MS**

**Matrix: Water**

**Analysis Batch: 131072**

**Client Sample ID: RT-5-2014-S**

**Prep Type: Total/NA**

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	92		74 - 120
Dibromofluoromethane (Surr)	84		75 - 121

**Lab Sample ID: 240-37154-1 MSD**

**Matrix: Water**

**Analysis Batch: 131072**

**Client Sample ID: RT-5-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
1,1,1-Trichloroethane	ND		66.7	62.9		ug/L		94	68 - 121	0	30	
1,1,2-Trichloroethane	ND		66.7	63.9		ug/L		96	75 - 120	1	30	
1,1-Dichloroethane	ND		66.7	66.9		ug/L		100	79 - 120	1	30	
1,1-Dichloroethene	ND		66.7	64.9		ug/L		97	74 - 135	1	30	
1,2-Dichloroethane	ND		66.7	58.5		ug/L		88	68 - 129	1	30	
1,2-Dichloropropane	ND		66.7	64.5		ug/L		97	78 - 120	0	30	
Acetone	ND		133	102		ug/L		77	33 - 145	17	30	
Benzene	ND		66.7	63.2		ug/L		95	72 - 121	1	30	
Carbon disulfide	ND		66.7	66.3		ug/L		99	57 - 147	0	30	
Chloroethane	ND		66.7	62.6		ug/L		94	21 - 165	3	30	
cis-1,2-Dichloroethene	210		66.7	264		ug/L		75	70 - 120	1	30	
Ethylbenzene	ND		66.7	58.8		ug/L		88	75 - 120	2	30	
Methylene Chloride	ND		66.7	63.3		ug/L		95	63 - 128	1	30	
Tetrachloroethene	ND		66.7	66.5		ug/L		100	70 - 120	3	30	
Toluene	ND		66.7	66.7		ug/L		100	78 - 120	1	30	
trans-1,2-Dichloroethene	ND		66.7	66.3		ug/L		99	80 - 120	2	30	
Trichloroethene	150		66.7	205		ug/L		82	66 - 120	1	30	
Vinyl chloride	16		66.7	78.0		ug/L		92	49 - 130	1	30	
Xylenes, Total	ND		133	117		ug/L		88	76 - 120	1	30	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	75		63 - 129
4-Bromofluorobenzene (Surr)	96		66 - 120
Toluene-d8 (Surr)	92		74 - 120
Dibromofluoromethane (Surr)	82		75 - 121

**Lab Sample ID: MB 240-131079/6**

**Matrix: Water**

**Analysis Batch: 131079**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 15:06	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 15:06	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 15:06	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 15:06	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 15:06	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 15:06	1
Acetone	ND		10		ug/L			05/17/14 15:06	1
Benzene	ND		1.0		ug/L			05/17/14 15:06	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 15:06	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-131079/6**

**Matrix: Water**

**Analysis Batch: 131079**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloroethane	ND		1.0		ug/L			05/17/14 15:06	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 15:06	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 15:06	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 15:06	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 15:06	1
Toluene	ND		1.0		ug/L			05/17/14 15:06	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 15:06	1
Trichloroethene	ND		1.0		ug/L			05/17/14 15:06	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 15:06	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 15:06	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		05/17/14 15:06	1
4-Bromofluorobenzene (Surr)	85		66 - 120		05/17/14 15:06	1
Toluene-d8 (Surr)	89		74 - 120		05/17/14 15:06	1
Dibromofluoromethane (Surr)	95		75 - 121		05/17/14 15:06	1

**Lab Sample ID: LCS 240-131079/4**

**Matrix: Water**

**Analysis Batch: 131079**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	10.4		ug/L		104	80 - 120
1,1-Dichloroethane	10.0	10.8		ug/L		108	80 - 120
1,1-Dichloroethene	10.0	10.5		ug/L		105	78 - 131
1,2-Dichloroethane	10.0	10.6		ug/L		106	71 - 127
1,2-Dichloropropane	10.0	11.0		ug/L		110	80 - 120
Acetone	20.0	23.3		ug/L		117	43 - 136
Benzene	10.0	10.1		ug/L		101	80 - 120
Carbon disulfide	10.0	11.2		ug/L		112	62 - 142
Chloroethane	10.0	7.94		ug/L		79	25 - 153
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	80 - 120
Ethylbenzene	10.0	10.5		ug/L		105	80 - 120
Methylene Chloride	10.0	9.83		ug/L		98	66 - 131
Tetrachloroethene	10.0	10.3		ug/L		103	79 - 120
Toluene	10.0	10.4		ug/L		104	80 - 120
trans-1,2-Dichloroethene	10.0	10.4		ug/L		104	80 - 120
Trichloroethene	10.0	10.0		ug/L		100	76 - 120
Vinyl chloride	10.0	9.34		ug/L		93	53 - 127
Xylenes, Total	20.0	20.9		ug/L		105	80 - 120

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	94		63 - 129
4-Bromofluorobenzene (Surr)	98		66 - 120
Toluene-d8 (Surr)	96		74 - 120
Dibromofluoromethane (Surr)	96		75 - 121

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-131080/6**

**Matrix: Water**

**Analysis Batch: 131080**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/17/14 15:12	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/17/14 15:12	1
1,1-Dichloroethane	ND		1.0		ug/L			05/17/14 15:12	1
1,1-Dichloroethene	ND		1.0		ug/L			05/17/14 15:12	1
1,2-Dichloroethane	ND		1.0		ug/L			05/17/14 15:12	1
1,2-Dichloropropane	ND		1.0		ug/L			05/17/14 15:12	1
Acetone	ND		10		ug/L			05/17/14 15:12	1
Benzene	ND		1.0		ug/L			05/17/14 15:12	1
Carbon disulfide	ND		1.0		ug/L			05/17/14 15:12	1
Chloroethane	ND		1.0		ug/L			05/17/14 15:12	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 15:12	1
Ethylbenzene	ND		1.0		ug/L			05/17/14 15:12	1
Methylene Chloride	ND		1.0		ug/L			05/17/14 15:12	1
Tetrachloroethene	ND		1.0		ug/L			05/17/14 15:12	1
Toluene	ND		1.0		ug/L			05/17/14 15:12	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/17/14 15:12	1
Trichloroethene	ND		1.0		ug/L			05/17/14 15:12	1
Vinyl chloride	ND		1.0		ug/L			05/17/14 15:12	1
Xylenes, Total	ND		2.0		ug/L			05/17/14 15:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		05/17/14 15:12	1
4-Bromofluorobenzene (Surr)	88		66 - 120		05/17/14 15:12	1
Toluene-d8 (Surr)	91		74 - 120		05/17/14 15:12	1
Dibromofluoromethane (Surr)	103		75 - 121		05/17/14 15:12	1

**Lab Sample ID: LCS 240-131080/4**

**Matrix: Water**

**Analysis Batch: 131080**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	11.8		ug/L		118	74 - 120
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	80 - 120
1,1-Dichloroethane	10.0	10.7		ug/L		107	80 - 120
1,1-Dichloroethene	10.0	10.6		ug/L		106	78 - 131
1,2-Dichloroethane	10.0	10.9		ug/L		109	71 - 127
1,2-Dichloropropane	10.0	9.35		ug/L		93	80 - 120
Acetone	20.0	18.7		ug/L		93	43 - 136
Benzene	10.0	10.1		ug/L		101	80 - 120
Carbon disulfide	10.0	10.4		ug/L		104	62 - 142
Chloroethane	10.0	8.39		ug/L		84	25 - 153
cis-1,2-Dichloroethene	10.0	10.4		ug/L		104	80 - 120
Ethylbenzene	10.0	9.63		ug/L		96	80 - 120
Methylene Chloride	10.0	11.3		ug/L		113	66 - 131
Tetrachloroethene	10.0	9.98		ug/L		100	79 - 120
Toluene	10.0	10.3		ug/L		103	80 - 120
trans-1,2-Dichloroethene	10.0	10.7		ug/L		107	80 - 120
Trichloroethene	10.0	10.4		ug/L		104	76 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131080/4**

**Matrix: Water**

**Analysis Batch: 131080**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	10.0	8.51		ug/L		85	53 - 127
Xylenes, Total	20.0	20.1		ug/L		100	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		63 - 129
4-Bromofluorobenzene (Surr)	95		66 - 120
Toluene-d8 (Surr)	94		74 - 120
Dibromofluoromethane (Surr)	100		75 - 121

**Lab Sample ID: MB 240-131131/5**

**Matrix: Water**

**Analysis Batch: 131131**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/19/14 10:20	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/19/14 10:20	1
1,1-Dichloroethane	ND		1.0		ug/L			05/19/14 10:20	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 10:20	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 10:20	1
1,2-Dichloropropane	ND		1.0		ug/L			05/19/14 10:20	1
Acetone	ND		10		ug/L			05/19/14 10:20	1
Benzene	ND		1.0		ug/L			05/19/14 10:20	1
Carbon disulfide	ND		1.0		ug/L			05/19/14 10:20	1
Chloroethane	ND		1.0		ug/L			05/19/14 10:20	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 10:20	1
Ethylbenzene	ND		1.0		ug/L			05/19/14 10:20	1
Methylene Chloride	ND		1.0		ug/L			05/19/14 10:20	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 10:20	1
Toluene	ND		1.0		ug/L			05/19/14 10:20	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 10:20	1
Trichloroethene	ND		1.0		ug/L			05/19/14 10:20	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 10:20	1
Xylenes, Total	ND		2.0		ug/L			05/19/14 10:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		63 - 129		05/19/14 10:20	1
4-Bromofluorobenzene (Surr)	80		66 - 120		05/19/14 10:20	1
Toluene-d8 (Surr)	89		74 - 120		05/19/14 10:20	1
Dibromofluoromethane (Surr)	84		75 - 121		05/19/14 10:20	1

**Lab Sample ID: LCS 240-131131/4**

**Matrix: Water**

**Analysis Batch: 131131**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.96		ug/L		100	74 - 120
1,1,2-Trichloroethane	10.0	9.62		ug/L		96	80 - 120
1,1-Dichloroethane	10.0	10.3		ug/L		103	80 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131131/4**

**Matrix: Water**

**Analysis Batch: 131131**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	10.1		ug/L		101	78 - 131
1,2-Dichloroethane	10.0	9.14		ug/L		91	71 - 127
1,2-Dichloropropane	10.0	10.1		ug/L		101	80 - 120
Acetone	20.0	16.6		ug/L		83	43 - 136
Benzene	10.0	9.92		ug/L		99	80 - 120
Carbon disulfide	10.0	10.8		ug/L		108	62 - 142
Chloroethane	10.0	10.0		ug/L		100	25 - 153
cis-1,2-Dichloroethene	10.0	9.65		ug/L		97	80 - 120
Ethylbenzene	10.0	9.36		ug/L		94	80 - 120
Methylene Chloride	10.0	10.1		ug/L		101	66 - 131
Tetrachloroethene	10.0	10.8		ug/L		108	79 - 120
Toluene	10.0	10.5		ug/L		105	80 - 120
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 120
Trichloroethene	10.0	10.0		ug/L		100	76 - 120
Vinyl chloride	10.0	9.52		ug/L		95	53 - 127
Xylenes, Total	20.0	18.5		ug/L		93	80 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	74		63 - 129
4-Bromofluorobenzene (Surr)	92		66 - 120
Toluene-d8 (Surr)	91		74 - 120
Dibromofluoromethane (Surr)	83		75 - 121

**Lab Sample ID: MB 240-131184/6**

**Matrix: Water**

**Analysis Batch: 131184**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2-Trichloroethane	ND		1.0		ug/L			05/19/14 13:37	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 13:37	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 13:37	1
Benzene	ND		1.0		ug/L			05/19/14 13:37	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 13:37	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 13:37	1
Toluene	ND		1.0		ug/L			05/19/14 13:37	1
Trichloroethene	ND		1.0		ug/L			05/19/14 13:37	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 13:37	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	110		63 - 129		05/19/14 13:37	1
4-Bromofluorobenzene (Surr)	87		66 - 120		05/19/14 13:37	1
Toluene-d8 (Surr)	90		74 - 120		05/19/14 13:37	1
Dibromofluoromethane (Surr)	105		75 - 121		05/19/14 13:37	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131184/4**

**Matrix: Water**

**Analysis Batch: 131184**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	10.4		ug/L		104	80 - 120
1,1-Dichloroethene	10.0	10.6		ug/L		106	78 - 131
1,2-Dichloroethane	10.0	11.7		ug/L		117	71 - 127
Benzene	10.0	10.5		ug/L		105	80 - 120
cis-1,2-Dichloroethene	10.0	10.7		ug/L		107	80 - 120
Tetrachloroethene	10.0	9.99		ug/L		100	79 - 120
Toluene	10.0	10.5		ug/L		105	80 - 120
Trichloroethene	10.0	11.0		ug/L		110	76 - 120
Vinyl chloride	10.0	7.83		ug/L		78	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		63 - 129
4-Bromofluorobenzene (Surr)	99		66 - 120
Toluene-d8 (Surr)	93		74 - 120
Dibromofluoromethane (Surr)	98		75 - 121

**Lab Sample ID: MB 240-131196/5**

**Matrix: Water**

**Analysis Batch: 131196**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/19/14 13:17	1
1,1-Dichloroethene	ND		1.0		ug/L			05/19/14 13:17	1
1,2-Dichloroethane	ND		1.0		ug/L			05/19/14 13:17	1
Benzene	ND		1.0		ug/L			05/19/14 13:17	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/19/14 13:17	1
Tetrachloroethene	ND		1.0		ug/L			05/19/14 13:17	1
Toluene	ND		1.0		ug/L			05/19/14 13:17	1
Trichloroethene	ND		1.0		ug/L			05/19/14 13:17	1
Vinyl chloride	ND		1.0		ug/L			05/19/14 13:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		05/19/14 13:17	1
4-Bromofluorobenzene (Surr)	75		66 - 120		05/19/14 13:17	1
Toluene-d8 (Surr)	92		74 - 120		05/19/14 13:17	1
Dibromofluoromethane (Surr)	88		75 - 121		05/19/14 13:17	1

**Lab Sample ID: LCS 240-131196/3**

**Matrix: Water**

**Analysis Batch: 131196**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	25.0	23.3		ug/L		93	80 - 120
1,1-Dichloroethene	25.0	29.1		ug/L		117	78 - 131
1,2-Dichloroethane	25.0	26.7		ug/L		107	71 - 127
Benzene	25.0	26.7		ug/L		107	80 - 120
cis-1,2-Dichloroethene	25.0	26.2		ug/L		105	80 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131196/3**

**Matrix: Water**

**Analysis Batch: 131196**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	27.9		ug/L		112	79 - 120
Toluene	25.0	25.0		ug/L		100	80 - 120
Trichloroethene	25.0	29.6		ug/L		118	76 - 120
Vinyl chloride	25.0	24.2		ug/L		97	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		63 - 129
4-Bromofluorobenzene (Surr)	79		66 - 120
Toluene-d8 (Surr)	95		74 - 120
Dibromofluoromethane (Surr)	95		75 - 121

**Lab Sample ID: 240-37154-10 MS**

**Matrix: Water**

**Analysis Batch: 131196**

**Client Sample ID: SW-12-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		25.0	23.8		ug/L		95	75 - 120
1,1-Dichloroethene	ND		25.0	24.9		ug/L		100	74 - 135
1,2-Dichloroethane	ND		25.0	27.7		ug/L		111	68 - 129
Benzene	ND		25.0	25.3		ug/L		101	72 - 121
cis-1,2-Dichloroethene	4.5		25.0	29.8		ug/L		101	70 - 120
Tetrachloroethene	ND		25.0	23.6		ug/L		94	70 - 120
Toluene	ND		25.0	22.9		ug/L		92	78 - 120
Trichloroethene	8.7		25.0	34.4		ug/L		103	66 - 120
Vinyl chloride	ND		25.0	19.1		ug/L		75	49 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		63 - 129
4-Bromofluorobenzene (Surr)	77		66 - 120
Toluene-d8 (Surr)	93		74 - 120
Dibromofluoromethane (Surr)	95		75 - 121

**Lab Sample ID: 240-37154-10 MSD**

**Matrix: Water**

**Analysis Batch: 131196**

**Client Sample ID: SW-12-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane	ND		25.0	23.0		ug/L		92	75 - 120	3	30
1,1-Dichloroethene	ND		25.0	24.5		ug/L		98	74 - 135	2	30
1,2-Dichloroethane	ND		25.0	26.7		ug/L		107	68 - 129	4	30
Benzene	ND		25.0	25.1		ug/L		100	72 - 121	1	30
cis-1,2-Dichloroethene	4.5		25.0	29.3		ug/L		99	70 - 120	2	30
Tetrachloroethene	ND		25.0	23.8		ug/L		95	70 - 120	1	30
Toluene	ND		25.0	23.0		ug/L		92	78 - 120	0	30
Trichloroethene	8.7		25.0	34.6		ug/L		104	66 - 120	1	30
Vinyl chloride	ND		25.0	20.9		ug/L		82	49 - 130	9	30

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-37154-10 MSD

Matrix: Water

Analysis Batch: 131196

Client Sample ID: SW-12-2014-S

Prep Type: Total/NA

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	89		63 - 129
4-Bromofluorobenzene (Surr)	77		66 - 120
Toluene-d8 (Surr)	94		74 - 120
Dibromofluoromethane (Surr)	94		75 - 121

Lab Sample ID: MB 240-131333/5

Matrix: Water

Analysis Batch: 131333

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0		ug/L			05/20/14 11:44	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 11:44	1
1,1-Dichloroethane	ND		1.0		ug/L			05/20/14 11:44	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 11:44	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 11:44	1
1,2-Dichloropropane	ND		1.0		ug/L			05/20/14 11:44	1
Acetone	ND		10		ug/L			05/20/14 11:44	1
Benzene	ND		1.0		ug/L			05/20/14 11:44	1
Carbon disulfide	ND		1.0		ug/L			05/20/14 11:44	1
Chloroethane	ND		1.0		ug/L			05/20/14 11:44	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 11:44	1
Ethylbenzene	ND		1.0		ug/L			05/20/14 11:44	1
Methylene Chloride	ND		1.0		ug/L			05/20/14 11:44	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 11:44	1
Toluene	ND		1.0		ug/L			05/20/14 11:44	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 11:44	1
Trichloroethene	ND		1.0		ug/L			05/20/14 11:44	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 11:44	1
Xylenes, Total	ND		2.0		ug/L			05/20/14 11:44	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	78		63 - 129		05/20/14 11:44	1
4-Bromofluorobenzene (Surr)	81		66 - 120		05/20/14 11:44	1
Toluene-d8 (Surr)	86		74 - 120		05/20/14 11:44	1
Dibromofluoromethane (Surr)	87		75 - 121		05/20/14 11:44	1

Lab Sample ID: LCS 240-131333/4

Matrix: Water

Analysis Batch: 131333

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1-Trichloroethane	10.0	9.96		ug/L		100	74 - 120
1,1,2-Trichloroethane	10.0	9.50		ug/L		95	80 - 120
1,1-Dichloroethane	10.0	10.1		ug/L		101	80 - 120
1,1-Dichloroethene	10.0	10.1		ug/L		101	78 - 131
1,2-Dichloroethane	10.0	8.89		ug/L		89	71 - 127
1,2-Dichloropropane	10.0	9.94		ug/L		99	80 - 120
Acetone	20.0	18.2		ug/L		91	43 - 136

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131333/4**

**Matrix: Water**

**Analysis Batch: 131333**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.67		ug/L		97	80 - 120
Carbon disulfide	10.0	10.9		ug/L		109	62 - 142
Chloroethane	10.0	9.24		ug/L		92	25 - 153
cis-1,2-Dichloroethene	10.0	9.59		ug/L		96	80 - 120
Ethylbenzene	10.0	9.03		ug/L		90	80 - 120
Methylene Chloride	10.0	10.4		ug/L		104	66 - 131
Tetrachloroethene	10.0	10.4		ug/L		104	79 - 120
Toluene	10.0	10.1		ug/L		101	80 - 120
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 120
Trichloroethene	10.0	9.77		ug/L		98	76 - 120
Vinyl chloride	10.0	9.38		ug/L		94	53 - 127
Xylenes, Total	20.0	18.3		ug/L		92	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	76		63 - 129
4-Bromofluorobenzene (Surr)	96		66 - 120
Toluene-d8 (Surr)	90		74 - 120
Dibromofluoromethane (Surr)	84		75 - 121

**Lab Sample ID: MB 240-131335/5**

**Matrix: Water**

**Analysis Batch: 131335**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/20/14 12:00	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 12:00	1
1,1-Dichloroethane	ND		1.0		ug/L			05/20/14 12:00	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 12:00	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 12:00	1
1,2-Dichloropropane	ND		1.0		ug/L			05/20/14 12:00	1
Acetone	ND		10		ug/L			05/20/14 12:00	1
Benzene	ND		1.0		ug/L			05/20/14 12:00	1
Carbon disulfide	ND		1.0		ug/L			05/20/14 12:00	1
Chloroethane	ND		1.0		ug/L			05/20/14 12:00	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 12:00	1
Ethylbenzene	ND		1.0		ug/L			05/20/14 12:00	1
Methylene Chloride	ND		1.0		ug/L			05/20/14 12:00	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 12:00	1
Toluene	ND		1.0		ug/L			05/20/14 12:00	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 12:00	1
Trichloroethene	ND		1.0		ug/L			05/20/14 12:00	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 12:00	1
Xylenes, Total	ND		2.0		ug/L			05/20/14 12:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		05/20/14 12:00	1
4-Bromofluorobenzene (Surr)	81		66 - 120		05/20/14 12:00	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-131335/5**

**Matrix: Water**

**Analysis Batch: 131335**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Toluene-d8 (Surr)	80		74 - 120		05/20/14 12:00	1
Dibromofluoromethane (Surr)	107		75 - 121		05/20/14 12:00	1

**Lab Sample ID: LCS 240-131335/4**

**Matrix: Water**

**Analysis Batch: 131335**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	8.91		ug/L		89	80 - 120
1,1-Dichloroethane	10.0	11.1		ug/L		111	80 - 120
1,1-Dichloroethene	10.0	10.6		ug/L		106	78 - 131
1,2-Dichloroethane	10.0	11.5		ug/L		115	71 - 127
1,2-Dichloropropane	10.0	10.6		ug/L		106	80 - 120
Acetone	20.0	18.2		ug/L		91	43 - 136
Benzene	10.0	10.4		ug/L		104	80 - 120
Carbon disulfide	10.0	10.0		ug/L		100	62 - 142
Chloroethane	10.0	17.8	*	ug/L		178	25 - 153
cis-1,2-Dichloroethene	10.0	11.6		ug/L		116	80 - 120
Ethylbenzene	10.0	10.2		ug/L		102	80 - 120
Methylene Chloride	10.0	12.5		ug/L		125	66 - 131
Tetrachloroethene	10.0	10.0		ug/L		100	79 - 120
Toluene	10.0	9.49		ug/L		95	80 - 120
trans-1,2-Dichloroethene	10.0	11.8		ug/L		118	80 - 120
Trichloroethene	10.0	11.5		ug/L		115	76 - 120
Vinyl chloride	10.0	10.4		ug/L		104	53 - 127
Xylenes, Total	20.0	20.3		ug/L		102	80 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		63 - 129
4-Bromofluorobenzene (Surr)	92		66 - 120
Toluene-d8 (Surr)	84		74 - 120
Dibromofluoromethane (Surr)	104		75 - 121

**Lab Sample ID: MB 240-131365/5**

**Matrix: Water**

**Analysis Batch: 131365**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2-Trichloroethane	ND		1.0		ug/L			05/20/14 13:13	1
1,1-Dichloroethene	ND		1.0		ug/L			05/20/14 13:13	1
1,2-Dichloroethane	ND		1.0		ug/L			05/20/14 13:13	1
Benzene	ND		1.0		ug/L			05/20/14 13:13	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/20/14 13:13	1
Tetrachloroethene	ND		1.0		ug/L			05/20/14 13:13	1
Toluene	ND		1.0		ug/L			05/20/14 13:13	1
Trichloroethene	ND		1.0		ug/L			05/20/14 13:13	1
Vinyl chloride	ND		1.0		ug/L			05/20/14 13:13	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-131365/5**

**Matrix: Water**

**Analysis Batch: 131365**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		05/20/14 13:13	1
4-Bromofluorobenzene (Surr)	83		66 - 120		05/20/14 13:13	1
Toluene-d8 (Surr)	93		74 - 120		05/20/14 13:13	1
Dibromofluoromethane (Surr)	89		75 - 121		05/20/14 13:13	1

**Lab Sample ID: LCS 240-131365/3**

**Matrix: Water**

**Analysis Batch: 131365**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	25.0	28.4		ug/L		114	78 - 131
1,2-Dichloroethane	25.0	27.7		ug/L		111	71 - 127
Benzene	25.0	26.6		ug/L		106	80 - 120
cis-1,2-Dichloroethene	25.0	27.0		ug/L		108	80 - 120
Tetrachloroethene	25.0	27.5		ug/L		110	79 - 120
Toluene	25.0	24.5		ug/L		98	80 - 120
Trichloroethene	25.0	29.8		ug/L		119	76 - 120
Vinyl chloride	25.0	22.0		ug/L		88	53 - 127

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	102		63 - 129
4-Bromofluorobenzene (Surr)	87		66 - 120
Toluene-d8 (Surr)	101		74 - 120
Dibromofluoromethane (Surr)	105		75 - 121

**Lab Sample ID: 240-37219-1 MS**

**Matrix: Water**

**Analysis Batch: 131365**

**Client Sample ID: MW-11-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		25.0	25.1		ug/L		100	74 - 135
1,2-Dichloroethane	ND		25.0	27.2		ug/L		109	68 - 129
Benzene	ND		25.0	25.1		ug/L		100	72 - 121
cis-1,2-Dichloroethene	1.2		25.0	26.4		ug/L		101	70 - 120
Tetrachloroethene	ND		25.0	25.3		ug/L		101	70 - 120
Toluene	ND		25.0	23.4		ug/L		93	78 - 120
Trichloroethene	4.0		25.0	32.2		ug/L		113	66 - 120
Vinyl chloride	ND		25.0	18.1		ug/L		73	49 - 130

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	92		63 - 129
4-Bromofluorobenzene (Surr)	78		66 - 120
Toluene-d8 (Surr)	94		74 - 120
Dibromofluoromethane (Surr)	96		75 - 121

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-37219-1 MSD**

**Matrix: Water**

**Analysis Batch: 131365**

**Client Sample ID: MW-11-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane	ND		25.0	22.3		ug/L		89	75 - 120	4	30
1,1-Dichloroethene	ND		25.0	22.9		ug/L		92	74 - 135	9	30
1,2-Dichloroethane	ND		25.0	26.2		ug/L		105	68 - 129	4	30
Benzene	ND		25.0	23.9		ug/L		96	72 - 121	5	30
cis-1,2-Dichloroethene	1.2		25.0	25.5		ug/L		97	70 - 120	3	30
Tetrachloroethene	ND		25.0	22.9		ug/L		92	70 - 120	10	30
Toluene	ND		25.0	21.9		ug/L		88	78 - 120	6	30
Trichloroethene	4.0		25.0	29.5		ug/L		102	66 - 120	9	30
Vinyl chloride	ND		25.0	19.0		ug/L		76	49 - 130	5	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
4-Bromofluorobenzene (Surr)	77		66 - 120
Toluene-d8 (Surr)	92		74 - 120
Dibromofluoromethane (Surr)	95		75 - 121

**Lab Sample ID: MB 240-131531/6**

**Matrix: Water**

**Analysis Batch: 131531**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			05/21/14 12:36	1
1,1-Dichloroethene	ND		1.0		ug/L			05/21/14 12:36	1
1,2-Dichloroethane	ND		1.0		ug/L			05/21/14 12:36	1
Benzene	ND		1.0		ug/L			05/21/14 12:36	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/21/14 12:36	1
Tetrachloroethene	ND		1.0		ug/L			05/21/14 12:36	1
Toluene	ND		1.0		ug/L			05/21/14 12:36	1
Trichloroethene	ND		1.0		ug/L			05/21/14 12:36	1
Vinyl chloride	ND		1.0		ug/L			05/21/14 12:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		05/21/14 12:36	1
4-Bromofluorobenzene (Surr)	82		66 - 120		05/21/14 12:36	1
Toluene-d8 (Surr)	89		74 - 120		05/21/14 12:36	1
Dibromofluoromethane (Surr)	111		75 - 121		05/21/14 12:36	1

**Lab Sample ID: LCS 240-131531/4**

**Matrix: Water**

**Analysis Batch: 131531**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	8.97		ug/L		90	80 - 120
1,1-Dichloroethene	10.0	11.9		ug/L		119	78 - 131
1,2-Dichloroethane	10.0	8.62		ug/L		86	71 - 127
Benzene	10.0	9.78		ug/L		98	80 - 120
cis-1,2-Dichloroethene	10.0	9.73		ug/L		97	80 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131531/4**

**Matrix: Water**

**Analysis Batch: 131531**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	10.0	10.1		ug/L		101	79 - 120
Toluene	10.0	9.71		ug/L		97	80 - 120
Trichloroethene	10.0	9.67		ug/L		97	76 - 120
Vinyl chloride	10.0	12.3		ug/L		123	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		63 - 129
4-Bromofluorobenzene (Surr)	100		66 - 120
Toluene-d8 (Surr)	94		74 - 120
Dibromofluoromethane (Surr)	95		75 - 121

**Lab Sample ID: MB 240-131760/6**

**Matrix: Water**

**Analysis Batch: 131760**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/22/14 23:31	1
1,1-Dichloroethane	ND		1.0		ug/L			05/22/14 23:31	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/22/14 23:31	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/22/14 23:31	1
1,1-Dichloroethene	ND		1.0		ug/L			05/22/14 23:31	1
1,2-Dichloroethane	ND		1.0		ug/L			05/22/14 23:31	1
1,2-Dichloropropane	ND		1.0		ug/L			05/22/14 23:31	1
Acetone	ND		10		ug/L			05/22/14 23:31	1
Benzene	ND		1.0		ug/L			05/22/14 23:31	1
Carbon disulfide	1.78		1.0		ug/L			05/22/14 23:31	1
Chloroethane	ND		1.0		ug/L			05/22/14 23:31	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/22/14 23:31	1
Ethylbenzene	ND		1.0		ug/L			05/22/14 23:31	1
Methylene Chloride	ND		1.0		ug/L			05/22/14 23:31	1
Tetrachloroethene	ND		1.0		ug/L			05/22/14 23:31	1
Toluene	ND		1.0		ug/L			05/22/14 23:31	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/22/14 23:31	1
Trichloroethene	ND		1.0		ug/L			05/22/14 23:31	1
Vinyl chloride	ND		1.0		ug/L			05/22/14 23:31	1
Xylenes, Total	ND		2.0		ug/L			05/22/14 23:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		05/22/14 23:31	1
4-Bromofluorobenzene (Surr)	79		66 - 120		05/22/14 23:31	1
Toluene-d8 (Surr)	89		74 - 120		05/22/14 23:31	1
Dibromofluoromethane (Surr)	95		75 - 121		05/22/14 23:31	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131760/4**

**Matrix: Water**

**Analysis Batch: 131760**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.3		ug/L		93	74 - 120
1,1-Dichloroethane	25.0	25.1		ug/L		100	80 - 120
1,1,2-Trichloroethane	25.0	22.4		ug/L		89	80 - 120
1,2,4-Trimethylbenzene	25.0	20.6		ug/L		82	76 - 120
1,1-Dichloroethene	25.0	24.2		ug/L		97	78 - 131
1,2-Dichloroethane	25.0	25.8		ug/L		103	71 - 127
1,2-Dichloropropane	25.0	24.7		ug/L		99	80 - 120
Acetone	50.0	53.5		ug/L		107	43 - 136
Benzene	25.0	23.8		ug/L		95	80 - 120
Carbon disulfide	25.0	24.8		ug/L		99	62 - 142
Chloroethane	25.0	20.7		ug/L		83	25 - 153
cis-1,2-Dichloroethene	25.0	24.0		ug/L		96	80 - 120
Ethylbenzene	25.0	21.8		ug/L		87	80 - 120
Methylene Chloride	25.0	23.1		ug/L		93	66 - 131
Tetrachloroethene	25.0	23.5		ug/L		94	79 - 120
Toluene	25.0	21.8		ug/L		87	80 - 120
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	80 - 120
Trichloroethene	25.0	26.4		ug/L		105	76 - 120
Vinyl chloride	25.0	19.6		ug/L		79	53 - 127
Xylenes, Total	50.0	42.9		ug/L		86	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
4-Bromofluorobenzene (Surr)	76		66 - 120
Toluene-d8 (Surr)	91		74 - 120
Dibromofluoromethane (Surr)	95		75 - 121

**Lab Sample ID: MB 240-131939/5**

**Matrix: Water**

**Analysis Batch: 131939**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/23/14 17:23	1
1,1-Dichloroethene	ND		1.0		ug/L			05/23/14 17:23	1
1,2-Dichloroethane	ND		1.0		ug/L			05/23/14 17:23	1
Benzene	ND		1.0		ug/L			05/23/14 17:23	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/23/14 17:23	1
Tetrachloroethene	ND		1.0		ug/L			05/23/14 17:23	1
Toluene	ND		1.0		ug/L			05/23/14 17:23	1
Trichloroethene	ND		1.0		ug/L			05/23/14 17:23	1
Vinyl chloride	ND		1.0		ug/L			05/23/14 17:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		05/23/14 17:23	1
4-Bromofluorobenzene (Surr)	76		66 - 120		05/23/14 17:23	1
Toluene-d8 (Surr)	96		74 - 120		05/23/14 17:23	1
Dibromofluoromethane (Surr)	91		75 - 121		05/23/14 17:23	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131939/3**

**Matrix: Water**

**Analysis Batch: 131939**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	25.0	23.2		ug/L		93	80 - 120
1,1-Dichloroethane	25.0	28.6		ug/L		115	78 - 131
1,2-Dichloroethane	25.0	27.1		ug/L		108	71 - 127
Benzene	25.0	26.5		ug/L		106	80 - 120
cis-1,2-Dichloroethene	25.0	27.9		ug/L		112	80 - 120
Tetrachloroethene	25.0	27.2		ug/L		109	79 - 120
Toluene	25.0	23.9		ug/L		96	80 - 120
Trichloroethene	25.0	29.5		ug/L		118	76 - 120
Vinyl chloride	25.0	25.6		ug/L		102	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		63 - 129
4-Bromofluorobenzene (Surr)	83		66 - 120
Toluene-d8 (Surr)	100		74 - 120
Dibromofluoromethane (Surr)	109		75 - 121

**Lab Sample ID: MB 240-131983/6**

**Matrix: Water**

**Analysis Batch: 131983**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/24/14 14:29	1
1,1-Dichloroethane	ND		1.0		ug/L			05/24/14 14:29	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/24/14 14:29	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/24/14 14:29	1
1,1-Dichloroethene	ND		1.0		ug/L			05/24/14 14:29	1
1,2-Dichloroethane	ND		1.0		ug/L			05/24/14 14:29	1
1,2-Dichloropropane	ND		1.0		ug/L			05/24/14 14:29	1
Acetone	ND		10		ug/L			05/24/14 14:29	1
Benzene	ND		1.0		ug/L			05/24/14 14:29	1
Carbon disulfide	ND		1.0		ug/L			05/24/14 14:29	1
Chloroethane	ND		1.0		ug/L			05/24/14 14:29	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/24/14 14:29	1
Ethylbenzene	ND		1.0		ug/L			05/24/14 14:29	1
Methylene Chloride	ND		1.0		ug/L			05/24/14 14:29	1
Tetrachloroethene	ND		1.0		ug/L			05/24/14 14:29	1
Toluene	ND		1.0		ug/L			05/24/14 14:29	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/24/14 14:29	1
Trichloroethene	ND		1.0		ug/L			05/24/14 14:29	1
Vinyl chloride	ND		1.0		ug/L			05/24/14 14:29	1
Xylenes, Total	ND		2.0		ug/L			05/24/14 14:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		63 - 129		05/24/14 14:29	1
4-Bromofluorobenzene (Surr)	86		66 - 120		05/24/14 14:29	1
Toluene-d8 (Surr)	94		74 - 120		05/24/14 14:29	1
Dibromofluoromethane (Surr)	101		75 - 121		05/24/14 14:29	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-131983/4**

**Matrix: Water**

**Analysis Batch: 131983**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	11.2		ug/L		112	74 - 120
1,1-Dichloroethane	10.0	10.8		ug/L		108	80 - 120
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	80 - 120
1,2,4-Trimethylbenzene	10.0	10.0		ug/L		100	76 - 120
1,1-Dichloroethene	10.0	10.5		ug/L		105	78 - 131
1,2-Dichloroethane	10.0	11.5		ug/L		115	71 - 127
1,2-Dichloropropane	10.0	10.5		ug/L		105	80 - 120
Acetone	20.0	26.7		ug/L		133	43 - 136
Benzene	10.0	10.0		ug/L		100	80 - 120
Carbon disulfide	10.0	11.2		ug/L		112	62 - 142
Chloroethane	10.0	6.42		ug/L		64	25 - 153
cis-1,2-Dichloroethene	10.0	9.32		ug/L		93	80 - 120
Ethylbenzene	10.0	9.84		ug/L		98	80 - 120
Methylene Chloride	10.0	9.72		ug/L		97	66 - 131
Tetrachloroethene	10.0	9.48		ug/L		95	79 - 120
Toluene	10.0	10.2		ug/L		102	80 - 120
trans-1,2-Dichloroethene	10.0	10.1		ug/L		101	80 - 120
Trichloroethene	10.0	9.51		ug/L		95	76 - 120
Vinyl chloride	10.0	10.3		ug/L		103	53 - 127
Xylenes, Total	20.0	19.9		ug/L		99	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		63 - 129
4-Bromofluorobenzene (Surr)	97		66 - 120
Toluene-d8 (Surr)	97		74 - 120
Dibromofluoromethane (Surr)	100		75 - 121

**Lab Sample ID: 240-37489-10 MS**

**Matrix: Water**

**Analysis Batch: 131983**

**Client Sample ID: VP-114-051514**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		10.0	11.3		ug/L		113	68 - 121
1,1,2-Trichloroethane	ND		10.0	10.4		ug/L		104	75 - 120
1,1-Dichloroethane	ND		10.0	11.0		ug/L		110	79 - 120
1,1-Dichloroethene	ND		10.0	10.1		ug/L		101	74 - 135
1,2,4-Trimethylbenzene	ND		10.0	7.49		ug/L		75	67 - 124
1,2-Dichloroethane	ND		10.0	12.0		ug/L		120	68 - 129
1,2-Dichloropropane	ND		10.0	10.7		ug/L		107	78 - 120
Acetone	ND		20.0	26.1		ug/L		121	33 - 145
Benzene	ND		10.0	10.1		ug/L		101	72 - 121
Carbon disulfide	ND		10.0	10.9		ug/L		108	57 - 147
Chloroethane	ND		10.0	8.92		ug/L		89	21 - 165
cis-1,2-Dichloroethene	3.5		10.0	11.9		ug/L		84	70 - 120
Ethylbenzene	ND		10.0	9.00		ug/L		90	75 - 120
Methylene Chloride	ND		10.0	9.97		ug/L		100	63 - 128
Tetrachloroethene	ND		10.0	8.39		ug/L		84	70 - 120
Toluene	ND		10.0	10.0		ug/L		100	78 - 120

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-37489-10 MS**

**Matrix: Water**

**Analysis Batch: 131983**

**Client Sample ID: VP-114-051514**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
trans-1,2-Dichloroethene	ND		10.0	10.2		ug/L		102	80 - 120
Trichloroethene	3.2		10.0	11.1		ug/L		79	66 - 120
Vinyl chloride	ND		10.0	9.79		ug/L		98	49 - 130
Xylenes, Total	ND		20.0	17.6		ug/L		88	76 - 120

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	110		63 - 129
4-Bromofluorobenzene (Surr)	99		66 - 120
Toluene-d8 (Surr)	99		74 - 120
Dibromofluoromethane (Surr)	99		75 - 121

**Lab Sample ID: 240-37489-10 MSD**

**Matrix: Water**

**Analysis Batch: 131983**

**Client Sample ID: VP-114-051514**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		10.0	11.3		ug/L		113	68 - 121	0	30
1,1,2-Trichloroethane	ND		10.0	10.3		ug/L		103	75 - 120	1	30
1,1-Dichloroethane	ND		10.0	11.1		ug/L		111	79 - 120	1	30
1,1-Dichloroethene	ND		10.0	10.3		ug/L		103	74 - 135	2	30
1,2,4-Trimethylbenzene	ND		10.0	7.26		ug/L		73	67 - 124	3	30
1,2-Dichloroethane	ND		10.0	12.0		ug/L		120	68 - 129	0	30
1,2-Dichloropropane	ND		10.0	10.6		ug/L		106	78 - 120	1	30
Acetone	ND		20.0	28.6		ug/L		133	33 - 145	9	30
Benzene	ND		10.0	10.1		ug/L		101	72 - 121	0	30
Carbon disulfide	ND		10.0	10.8		ug/L		107	57 - 147	1	30
Chloroethane	ND		10.0	6.95		ug/L		69	21 - 165	25	30
cis-1,2-Dichloroethene	3.5		10.0	13.3		ug/L		98	70 - 120	11	30
Ethylbenzene	ND		10.0	8.84		ug/L		88	75 - 120	2	30
Methylene Chloride	ND		10.0	10.1		ug/L		101	63 - 128	2	30
Tetrachloroethene	ND		10.0	8.35		ug/L		83	70 - 120	0	30
Toluene	ND		10.0	9.63		ug/L		96	78 - 120	4	30
trans-1,2-Dichloroethene	ND		10.0	10.3		ug/L		103	80 - 120	1	30
Trichloroethene	3.2		10.0	12.1		ug/L		89	66 - 120	9	30
Vinyl chloride	ND		10.0	10.1		ug/L		101	49 - 130	4	30
Xylenes, Total	ND		20.0	17.0		ug/L		85	76 - 120	4	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	110		63 - 129
4-Bromofluorobenzene (Surr)	98		66 - 120
Toluene-d8 (Surr)	97		74 - 120
Dibromofluoromethane (Surr)	98		75 - 121

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-132099/5**

**Matrix: Water**

**Analysis Batch: 132099**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/27/14 11:34	1
1,1-Dichloroethane	ND		1.0		ug/L			05/27/14 11:34	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/27/14 11:34	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/27/14 11:34	1
1,1-Dichloroethene	ND		1.0		ug/L			05/27/14 11:34	1
1,2-Dichloroethane	ND		1.0		ug/L			05/27/14 11:34	1
1,2-Dichloropropane	ND		1.0		ug/L			05/27/14 11:34	1
Acetone	ND		10		ug/L			05/27/14 11:34	1
Benzene	ND		1.0		ug/L			05/27/14 11:34	1
Carbon disulfide	ND		1.0		ug/L			05/27/14 11:34	1
Chloroethane	ND		1.0		ug/L			05/27/14 11:34	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 11:34	1
Ethylbenzene	ND		1.0		ug/L			05/27/14 11:34	1
Methylene Chloride	ND		1.0		ug/L			05/27/14 11:34	1
Tetrachloroethene	ND		1.0		ug/L			05/27/14 11:34	1
Toluene	ND		1.0		ug/L			05/27/14 11:34	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/27/14 11:34	1
Trichloroethene	ND		1.0		ug/L			05/27/14 11:34	1
Vinyl chloride	ND		1.0		ug/L			05/27/14 11:34	1
Xylenes, Total	ND		2.0		ug/L			05/27/14 11:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		63 - 129		05/27/14 11:34	1
4-Bromofluorobenzene (Surr)	81		66 - 120		05/27/14 11:34	1
Toluene-d8 (Surr)	83		74 - 120		05/27/14 11:34	1
Dibromofluoromethane (Surr)	94		75 - 121		05/27/14 11:34	1

**Lab Sample ID: LCS 240-132099/4**

**Matrix: Water**

**Analysis Batch: 132099**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.37		ug/L		94	74 - 120
1,1-Dichloroethane	10.0	9.48		ug/L		95	80 - 120
1,1,2-Trichloroethane	10.0	9.98		ug/L		100	80 - 120
1,2,4-Trimethylbenzene	10.0	8.87		ug/L		89	76 - 120
1,1-Dichloroethene	10.0	9.24		ug/L		92	78 - 131
1,2-Dichloroethane	10.0	10.3		ug/L		103	71 - 127
1,2-Dichloropropane	10.0	9.40		ug/L		94	80 - 120
Acetone	20.0	14.6		ug/L		73	43 - 136
Benzene	10.0	9.44		ug/L		94	80 - 120
Carbon disulfide	10.0	8.92		ug/L		89	62 - 142
Chloroethane	10.0	14.4		ug/L		144	25 - 153
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	80 - 120
Ethylbenzene	10.0	10.5		ug/L		105	80 - 120
Methylene Chloride	10.0	10.2		ug/L		102	66 - 131
Tetrachloroethene	10.0	10.7		ug/L		107	79 - 120
Toluene	10.0	9.96		ug/L		100	80 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-132099/4**

**Matrix: Water**

**Analysis Batch: 132099**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	10.0	10.2		ug/L		102	80 - 120
Trichloroethene	10.0	10.7		ug/L		107	76 - 120
Vinyl chloride	10.0	8.86		ug/L		89	53 - 127
Xylenes, Total	20.0	20.2		ug/L		101	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
4-Bromofluorobenzene (Surr)	91		66 - 120
Toluene-d8 (Surr)	90		74 - 120
Dibromofluoromethane (Surr)	92		75 - 121

**Lab Sample ID: MB 240-132266/5**

**Matrix: Water**

**Analysis Batch: 132266**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			05/28/14 10:33	1
1,1-Dichloroethane	ND		1.0		ug/L			05/28/14 10:33	1
1,1,2-Trichloroethane	ND		1.0		ug/L			05/28/14 10:33	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			05/28/14 10:33	1
1,1-Dichloroethene	ND		1.0		ug/L			05/28/14 10:33	1
1,2-Dichloroethane	ND		1.0		ug/L			05/28/14 10:33	1
1,2-Dichloropropane	ND		1.0		ug/L			05/28/14 10:33	1
Acetone	ND		10		ug/L			05/28/14 10:33	1
Benzene	ND		1.0		ug/L			05/28/14 10:33	1
Carbon disulfide	ND		1.0		ug/L			05/28/14 10:33	1
Chloroethane	ND		1.0		ug/L			05/28/14 10:33	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			05/28/14 10:33	1
Ethylbenzene	ND		1.0		ug/L			05/28/14 10:33	1
Methylene Chloride	ND		1.0		ug/L			05/28/14 10:33	1
Tetrachloroethene	ND		1.0		ug/L			05/28/14 10:33	1
Toluene	ND		1.0		ug/L			05/28/14 10:33	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			05/28/14 10:33	1
Trichloroethene	ND		1.0		ug/L			05/28/14 10:33	1
Vinyl chloride	ND		1.0		ug/L			05/28/14 10:33	1
Xylenes, Total	ND		2.0		ug/L			05/28/14 10:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		05/28/14 10:33	1
4-Bromofluorobenzene (Surr)	76		66 - 120		05/28/14 10:33	1
Toluene-d8 (Surr)	81		74 - 120		05/28/14 10:33	1
Dibromofluoromethane (Surr)	93		75 - 121		05/28/14 10:33	1

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-132266/4**

**Matrix: Water**

**Analysis Batch: 132266**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.27		ug/L		93	74 - 120
1,1-Dichloroethane	10.0	9.78		ug/L		98	80 - 120
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	80 - 120
1,2,4-Trimethylbenzene	10.0	9.40		ug/L		94	76 - 120
1,1-Dichloroethene	10.0	9.83		ug/L		98	78 - 131
1,2-Dichloroethane	10.0	10.9		ug/L		109	71 - 127
1,2-Dichloropropane	10.0	9.59		ug/L		96	80 - 120
Acetone	20.0	14.2		ug/L		71	43 - 136
Benzene	10.0	9.72		ug/L		97	80 - 120
Carbon disulfide	10.0	9.01		ug/L		90	62 - 142
Chloroethane	10.0	13.3		ug/L		133	25 - 153
cis-1,2-Dichloroethene	10.0	10.2		ug/L		102	80 - 120
Ethylbenzene	10.0	10.5		ug/L		105	80 - 120
Methylene Chloride	10.0	10.6		ug/L		106	66 - 131
Tetrachloroethene	10.0	10.9		ug/L		109	79 - 120
Toluene	10.0	10.4		ug/L		104	80 - 120
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 120
Trichloroethene	10.0	10.8		ug/L		108	76 - 120
Vinyl chloride	10.0	9.16		ug/L		92	53 - 127
Xylenes, Total	20.0	20.1		ug/L		100	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		63 - 129
4-Bromofluorobenzene (Surr)	88		66 - 120
Toluene-d8 (Surr)	89		74 - 120
Dibromofluoromethane (Surr)	94		75 - 121

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

**Lab Sample ID: 240-37135-1 MS**

**Matrix: Water**

**Analysis Batch: 131455**

**Client Sample ID: RT-5-2014-S**

**Prep Type: Total/NA**

**Prep Batch: 130133**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	6.3		40.0	30.4		ug/L		60	10 - 160
2-Methylnaphthalene	ND		40.0	26.2		ug/L		65	10 - 160
Naphthalene	ND		40.0	25.9		ug/L		65	10 - 160
Pentachlorophenol	ND		80.0	40.8		ug/L		51	10 - 160
1,2,4,5-Tetrachlorobenzene	ND		40.0	25.9		ug/L		65	10 - 160
1,2,4-Trichlorobenzene	1.0		40.0	25.9		ug/L		62	10 - 160

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl (Surr)	69		29 - 110
2-Fluorophenol (Surr)	67		15 - 110
2,4,6-Tribromophenol (Surr)	66		21 - 128
Nitrobenzene-d5 (Surr)	70		31 - 110
Phenol-d5 (Surr)	72		10 - 110

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-37135-1 MS**

**Matrix: Water**

**Analysis Batch: 131455**

**Client Sample ID: RT-5-2014-S**

**Prep Type: Total/NA**

**Prep Batch: 130133**

<i>Surrogate</i>	<i>MS</i> %Recovery	<i>MS</i> Qualifier	<i>Limits</i>
Terphenyl-d14 (Surr)	48		31 - 115

**Lab Sample ID: 240-37135-1 MSD**

**Matrix: Water**

**Analysis Batch: 131455**

**Client Sample ID: RT-5-2014-S**

**Prep Type: Total/NA**

**Prep Batch: 130133**

<i>Analyte</i>	<i>Sample</i> Result	<i>Sample</i> Qualifier	<i>Spike</i> Added	<i>MSD</i> Result	<i>MSD</i> Qualifier	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> Limits	<i>RPD</i>	<i>RPD</i> Limit
Bis(2-ethylhexyl) phthalate	6.3		43.5	33.7		ug/L		63	10 - 160	11	30
2-Methylnaphthalene	ND		43.5	29.6		ug/L		68	10 - 160	12	30
Naphthalene	ND		43.5	28.1		ug/L		65	10 - 160	8	30
Pentachlorophenol	ND		87.0	50.7		ug/L		58	10 - 160	22	30
1,2,4,5-Tetrachlorobenzene	ND		43.5	28.2		ug/L		65	10 - 160	9	30
1,2,4-Trichlorobenzene	1.0		43.5	27.5		ug/L		61	10 - 160	6	30

<i>Surrogate</i>	<i>MSD</i> %Recovery	<i>MSD</i> Qualifier	<i>Limits</i>
2-Fluorobiphenyl (Surr)	69		29 - 110
2-Fluorophenol (Surr)	63		15 - 110
2,4,6-Tribromophenol (Surr)	72		21 - 128
Nitrobenzene-d5 (Surr)	68		31 - 110
Phenol-d5 (Surr)	70		10 - 110
Terphenyl-d14 (Surr)	50		31 - 115

**Lab Sample ID: MB 240-130584/20-A**

**Matrix: Water**

**Analysis Batch: 131276**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 130584**

<i>Analyte</i>	<i>MB</i> Result	<i>MB</i> Qualifier	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Bis(2-ethylhexyl) phthalate	2.31		2.0		ug/L		05/14/14 08:59	05/20/14 08:10	1
2-Methylnaphthalene	ND		0.20		ug/L		05/14/14 08:59	05/20/14 08:10	1
Naphthalene	ND		0.20		ug/L		05/14/14 08:59	05/20/14 08:10	1
Pentachlorophenol	ND		40		ug/L		05/14/14 08:59	05/20/14 08:10	1
1,2,4,5-Tetrachlorobenzene	ND		1.0		ug/L		05/14/14 08:59	05/20/14 08:10	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L		05/14/14 08:59	05/20/14 08:10	1

<i>Surrogate</i>	<i>MB</i> %Recovery	<i>MB</i> Qualifier	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
2-Fluorobiphenyl (Surr)	71		29 - 110	05/14/14 08:59	05/20/14 08:10	1
2-Fluorophenol (Surr)	69		15 - 110	05/14/14 08:59	05/20/14 08:10	1
2,4,6-Tribromophenol (Surr)	68		21 - 128	05/14/14 08:59	05/20/14 08:10	1
Nitrobenzene-d5 (Surr)	73		31 - 110	05/14/14 08:59	05/20/14 08:10	1
Phenol-d5 (Surr)	68		10 - 110	05/14/14 08:59	05/20/14 08:10	1
Terphenyl-d14 (Surr)	91		31 - 115	05/14/14 08:59	05/20/14 08:10	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-130584/21-A**

**Matrix: Water**

**Analysis Batch: 131276**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 130584**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Bis(2-ethylhexyl) phthalate	40.0	36.8		ug/L		92	40 - 160
2-Methylnaphthalene	40.0	30.3		ug/L		76	40 - 160
Naphthalene	40.0	30.6		ug/L		76	40 - 160
Pentachlorophenol	80.0	53.0		ug/L		66	10 - 120
1,2,4,5-Tetrachlorobenzene	40.0	28.1		ug/L		70	40 - 160
1,2,4-Trichlorobenzene	40.0	27.0		ug/L		68	40 - 160

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	77		29 - 110
2-Fluorophenol (Surr)	76		15 - 110
2,4,6-Tribromophenol (Surr)	77		21 - 128
Nitrobenzene-d5 (Surr)	81		31 - 110
Phenol-d5 (Surr)	82		10 - 110
Terphenyl-d14 (Surr)	94		31 - 115

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

**Lab Sample ID: MB 140-1246/5**

**Matrix: Air**

**Analysis Batch: 1246**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20		ppb v/v			05/22/14 13:21	1
Tetrachloroethene	ND		0.20		ppb v/v			05/22/14 13:21	1
1,2-Dichloroethane	ND		0.20		ppb v/v			05/22/14 13:21	1
1,1,2-Trichloroethane	ND		0.20		ppb v/v			05/22/14 13:21	1
Methylene Chloride	ND		0.50		ppb v/v			05/22/14 13:21	1
1,2,4-Trimethylbenzene	ND		0.20		ppb v/v			05/22/14 13:21	1
Toluene	ND		0.20		ppb v/v			05/22/14 13:21	1
o-Xylene	ND		0.20		ppb v/v			05/22/14 13:21	1
trans-1,2-Dichloroethene	ND		0.20		ppb v/v			05/22/14 13:21	1
1,1-Dichloroethene	ND		0.20		ppb v/v			05/22/14 13:21	1
Trichloroethene	ND		0.20		ppb v/v			05/22/14 13:21	1
Ethylbenzene	ND		0.20		ppb v/v			05/22/14 13:21	1
Xylenes, Total	ND		0.40		ppb v/v			05/22/14 13:21	1
cis-1,2-Dichloroethene	ND		0.20		ppb v/v			05/22/14 13:21	1
m-Xylene & p-Xylene	ND		0.20		ppb v/v			05/22/14 13:21	1
Vinyl chloride	ND		0.20		ppb v/v			05/22/14 13:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		60 - 140		05/22/14 13:21	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: LCS 140-1246/1002**

**Matrix: Air**

**Analysis Batch: 1246**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	2.00	2.32		ppb v/v		116	70 - 130
Tetrachloroethene	2.00	2.12		ppb v/v		106	70 - 130
1,2-Dichloroethane	2.00	2.17		ppb v/v		108	70 - 130
1,1,2-Trichloroethane	2.00	2.23		ppb v/v		112	70 - 130
Methylene Chloride	2.00	2.50		ppb v/v		125	70 - 130
1,2,4-Trimethylbenzene	2.00	2.11		ppb v/v		106	70 - 130
Toluene	2.00	2.30		ppb v/v		115	70 - 130
o-Xylene	2.00	2.21		ppb v/v		110	70 - 130
trans-1,2-Dichloroethene	2.00	2.19		ppb v/v		109	70 - 130
1,1-Dichloroethene	2.00	2.51		ppb v/v		125	70 - 130
Trichloroethene	2.00	2.16		ppb v/v		108	70 - 130
Ethylbenzene	2.00	2.27		ppb v/v		113	70 - 130
Xylenes, Total	6.00	6.67		ppb v/v		111	70 - 130
cis-1,2-Dichloroethene	2.00	2.46		ppb v/v		123	70 - 130
m-Xylene & p-Xylene	4.00	4.46		ppb v/v		111	70 - 130
Vinyl chloride	2.00	2.27		ppb v/v		114	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		60 - 140

**Lab Sample ID: MB 140-1254/4**

**Matrix: Air**

**Analysis Batch: 1254**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.20		ppb v/v			05/23/14 12:04	1
Tetrachloroethene	ND		0.20		ppb v/v			05/23/14 12:04	1
1,2-Dichloroethane	ND		0.20		ppb v/v			05/23/14 12:04	1
1,1,2-Trichloroethane	ND		0.20		ppb v/v			05/23/14 12:04	1
Methylene Chloride	ND		0.50		ppb v/v			05/23/14 12:04	1
1,2,4-Trimethylbenzene	ND		0.20		ppb v/v			05/23/14 12:04	1
Toluene	ND		0.20		ppb v/v			05/23/14 12:04	1
o-Xylene	ND		0.20		ppb v/v			05/23/14 12:04	1
trans-1,2-Dichloroethene	ND		0.20		ppb v/v			05/23/14 12:04	1
1,1-Dichloroethene	ND		0.20		ppb v/v			05/23/14 12:04	1
Trichloroethene	ND		0.20		ppb v/v			05/23/14 12:04	1
Ethylbenzene	ND		0.20		ppb v/v			05/23/14 12:04	1
Xylenes, Total	ND		0.40		ppb v/v			05/23/14 12:04	1
cis-1,2-Dichloroethene	ND		0.20		ppb v/v			05/23/14 12:04	1
m-Xylene & p-Xylene	ND		0.20		ppb v/v			05/23/14 12:04	1
Vinyl chloride	ND		0.20		ppb v/v			05/23/14 12:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		60 - 140		05/23/14 12:04	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: LCS 140-1254/1002**

**Matrix: Air**

**Analysis Batch: 1254**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	2.00	2.28		ppb v/v		114	70 - 130
Tetrachloroethene	2.00	2.08		ppb v/v		104	70 - 130
1,2-Dichloroethane	2.00	2.10		ppb v/v		105	70 - 130
1,1,2-Trichloroethane	2.00	2.25		ppb v/v		112	70 - 130
Methylene Chloride	2.00	2.45		ppb v/v		122	70 - 130
1,2,4-Trimethylbenzene	2.00	2.13		ppb v/v		107	70 - 130
Toluene	2.00	2.24		ppb v/v		112	70 - 130
o-Xylene	2.00	2.25		ppb v/v		112	70 - 130
trans-1,2-Dichloroethene	2.00	2.17		ppb v/v		109	70 - 130
1,1-Dichloroethene	2.00	2.54		ppb v/v		127	70 - 130
Trichloroethene	2.00	2.13		ppb v/v		107	70 - 130
Ethylbenzene	2.00	2.29		ppb v/v		115	70 - 130
Xylenes, Total	6.00	6.75		ppb v/v		112	70 - 130
cis-1,2-Dichloroethene	2.00	2.45		ppb v/v		123	70 - 130
m-Xylene & p-Xylene	4.00	4.50		ppb v/v		113	70 - 130
Vinyl chloride	2.00	2.16		ppb v/v		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		60 - 140

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 240-130475/1-A**

**Matrix: Solid**

**Analysis Batch: 130613**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 130475**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.0		mg/Kg		05/13/14 12:00	05/14/14 19:12	1
Chromium	ND		0.50		mg/Kg		05/13/14 12:00	05/14/14 19:12	1
Lead	ND		0.30		mg/Kg		05/13/14 12:00	05/14/14 19:12	1

**Lab Sample ID: LCS 240-130475/2-A**

**Matrix: Solid**

**Analysis Batch: 130613**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 130475**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	200	194		mg/Kg		97	80 - 120
Chromium	20.0	18.3		mg/Kg		92	80 - 120
Lead	50.0	48.1		mg/Kg		96	80 - 120

**Lab Sample ID: 240-37110-18 MS**

**Matrix: Solid**

**Analysis Batch: 130613**

**Client Sample ID: SD-12-2014-S**

**Prep Type: Total/NA**

**Prep Batch: 130475**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		229	217		mg/Kg	☼	95	75 - 125
Chromium	1.2		22.9	22.6		mg/Kg	☼	93	75 - 125
Lead	1.3		57.2	54.9		mg/Kg	☼	94	75 - 125

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# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 240-37110-18 MSD**

**Matrix: Solid**

**Analysis Batch: 130613**

**Client Sample ID: SD-12-2014-S**

**Prep Type: Total/NA**

**Prep Batch: 130475**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
Arsenic	ND		229	213		mg/Kg	☼	93	75 - 125	2	20	
Chromium	1.2		22.9	22.5		mg/Kg	☼	93	75 - 125	1	20	
Lead	1.3		57.2	54.2		mg/Kg	☼	93	75 - 125	1	20	

**Lab Sample ID: MB 240-129760/1-A**

**Matrix: Water**

**Analysis Batch: 130170**

**Client Sample ID: Method Blank**

**Prep Type: Total Recoverable**

**Prep Batch: 129760**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Arsenic	ND		10		ug/L		05/08/14 06:38	05/09/14 17:03	1	
Chromium	ND		5.0		ug/L		05/08/14 06:38	05/09/14 17:03	1	
Lead	ND		3.0		ug/L		05/08/14 06:38	05/09/14 17:03	1	

**Lab Sample ID: LCS 240-129760/2-A**

**Matrix: Water**

**Analysis Batch: 130170**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total Recoverable**

**Prep Batch: 129760**

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
Arsenic	2000	2150		ug/L		107	80 - 120	
Chromium	200	195		ug/L		97	80 - 120	
Lead	500	543		ug/L		109	80 - 120	

**Lab Sample ID: 240-36960-5 MS**

**Matrix: Water**

**Analysis Batch: 130170**

**Client Sample ID: MW-50-2014-S**

**Prep Type: Total Recoverable**

**Prep Batch: 129760**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier		Result	Qualifier				Limits	RPD
Arsenic	ND		2000	2090		ug/L		105	75 - 125	
Chromium	ND		200	193		ug/L		97	75 - 125	
Lead	ND		500	524		ug/L		105	75 - 125	

**Lab Sample ID: 240-36960-5 MSD**

**Matrix: Water**

**Analysis Batch: 130170**

**Client Sample ID: MW-50-2014-S**

**Prep Type: Total Recoverable**

**Prep Batch: 129760**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
Arsenic	ND		2000	2080		ug/L		104	75 - 125	1	20	
Chromium	ND		200	194		ug/L		97	75 - 125	0	20	
Lead	ND		500	514		ug/L		103	75 - 125	2	20	

**Lab Sample ID: MB 240-129934/1-A**

**Matrix: Water**

**Analysis Batch: 130377**

**Client Sample ID: Method Blank**

**Prep Type: Total Recoverable**

**Prep Batch: 129934**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Arsenic	ND		10		ug/L		05/09/14 07:15	05/12/14 19:41	1	
Chromium	ND		5.0		ug/L		05/09/14 07:15	05/12/14 19:41	1	
Lead	ND		3.0		ug/L		05/09/14 07:15	05/12/14 19:41	1	

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-129934/2-A  
Matrix: Water  
Analysis Batch: 130377

Client Sample ID: Lab Control Sample  
Prep Type: Total Recoverable  
Prep Batch: 129934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2000	1920		ug/L		96	80 - 120
Chromium	200	186		ug/L		93	80 - 120
Lead	500	460		ug/L		92	80 - 120

Lab Sample ID: 240-37050-1 MS  
Matrix: Water  
Analysis Batch: 130377

Client Sample ID: MW-45-2014-S  
Prep Type: Total Recoverable  
Prep Batch: 129934

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		2000	1940		ug/L		97	75 - 125
Chromium	350		200	503		ug/L		79	75 - 125
Lead	ND		500	451		ug/L		90	75 - 125

Lab Sample ID: 240-37050-1 MSD  
Matrix: Water  
Analysis Batch: 130377

Client Sample ID: MW-45-2014-S  
Prep Type: Total Recoverable  
Prep Batch: 129934

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		2000	1940		ug/L		97	75 - 125	0	20
Chromium	350		200	503		ug/L		79	75 - 125	0	20
Lead	ND		500	450		ug/L		90	75 - 125	0	20

Lab Sample ID: MB 240-130620/1-A  
Matrix: Water  
Analysis Batch: 130788

Client Sample ID: Method Blank  
Prep Type: Total Recoverable  
Prep Batch: 130620

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		05/14/14 10:23	05/15/14 12:55	1
Chromium	ND		5.0		ug/L		05/14/14 10:23	05/15/14 12:55	1
Lead	ND		3.0		ug/L		05/14/14 10:23	05/15/14 12:55	1

Lab Sample ID: LCS 240-130620/2-A  
Matrix: Water  
Analysis Batch: 130788

Client Sample ID: Lab Control Sample  
Prep Type: Total Recoverable  
Prep Batch: 130620

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2000	1940		ug/L		97	80 - 120
Chromium	200	191		ug/L		96	80 - 120
Lead	500	464		ug/L		93	80 - 120

Lab Sample ID: 240-37219-6 MS  
Matrix: Water  
Analysis Batch: 130788

Client Sample ID: MW-5-2014-S  
Prep Type: Total Recoverable  
Prep Batch: 130620

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		2000	1960		ug/L		98	75 - 125
Chromium	ND		200	190		ug/L		95	75 - 125
Lead	ND		500	457		ug/L		91	75 - 125

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 240-37219-6 MSD**

**Matrix: Water**

**Analysis Batch: 130788**

**Client Sample ID: MW-5-2014-S**

**Prep Type: Total Recoverable**

**Prep Batch: 130620**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec.		RPD	
				Result	Qualifier				Limits	RPD	Limit	
Arsenic	ND		2000	1940		ug/L		97	75 - 125	1	20	
Chromium	ND		200	189		ug/L		95	75 - 125	1	20	
Lead	ND		500	452		ug/L		90	75 - 125	1	20	

**Lab Sample ID: MB 240-130639/1-A**

**Matrix: Water**

**Analysis Batch: 130788**

**Client Sample ID: Method Blank**

**Prep Type: Total Recoverable**

**Prep Batch: 130639**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	ND		10		ug/L		05/14/14 10:52	05/15/14 08:58	1
Chromium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 08:58	1
Lead	ND		3.0		ug/L		05/14/14 10:52	05/15/14 08:58	1
Selenium	ND		5.0		ug/L		05/14/14 10:52	05/15/14 08:58	1

**Lab Sample ID: LCS 240-130639/2-A**

**Matrix: Water**

**Analysis Batch: 130788**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total Recoverable**

**Prep Batch: 130639**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
Arsenic	2000	1940		ug/L		97	80 - 120	
Chromium	200	192		ug/L		96	80 - 120	
Lead	500	467		ug/L		93	80 - 120	
Selenium	2000	2010		ug/L		101	80 - 120	

**Lab Sample ID: 240-37135-1 MS**

**Matrix: Water**

**Analysis Batch: 130788**

**Client Sample ID: RT-5-2014-S**

**Prep Type: Total Recoverable**

**Prep Batch: 130639**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec.	
				Result	Qualifier				Limits	RPD
Arsenic	ND		2000	1960		ug/L		98	75 - 125	
Chromium	33		200	221		ug/L		94	75 - 125	
Lead	3.4		500	460		ug/L		91	75 - 125	
Selenium	ND		2000	2080		ug/L		104	75 - 125	

**Lab Sample ID: 240-37135-1 MSD**

**Matrix: Water**

**Analysis Batch: 130788**

**Client Sample ID: RT-5-2014-S**

**Prep Type: Total Recoverable**

**Prep Batch: 130639**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec.		RPD	
				Result	Qualifier				Limits	RPD	Limit	
Arsenic	ND		2000	1930		ug/L		96	75 - 125	2	20	
Chromium	33		200	220		ug/L		93	75 - 125	1	20	
Lead	3.4		500	451		ug/L		90	75 - 125	2	20	
Selenium	ND		2000	2040		ug/L		102	75 - 125	2	20	

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 240-37135-9 MS**  
**Matrix: Water**  
**Analysis Batch: 130788**

**Client Sample ID: SW-12-2014-S**  
**Prep Type: Total Recoverable**  
**Prep Batch: 130639**

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec.	
	Result	Qualifier		Result	Qualifier				Limits	Limits
Arsenic	ND		2000	2010		ug/L		100	75 - 125	
Chromium	ND		200	195		ug/L		97	75 - 125	
Lead	ND		500	470		ug/L		94	75 - 125	

**Lab Sample ID: 240-37135-9 MSD**  
**Matrix: Water**  
**Analysis Batch: 130788**

**Client Sample ID: SW-12-2014-S**  
**Prep Type: Total Recoverable**  
**Prep Batch: 130639**

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	Limits		
Arsenic	ND		2000	2020		ug/L		101	75 - 125		1	20
Chromium	ND		200	197		ug/L		98	75 - 125		1	20
Lead	ND		500	473		ug/L		95	75 - 125		1	20

## Method: 7196A - Chromium, Hexavalent

**Lab Sample ID: MB 240-129660/23**  
**Matrix: Water**  
**Analysis Batch: 129660**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cr (VI)	ND	^	0.020		mg/L			05/07/14 11:48	1

**Lab Sample ID: MB 240-129660/3**  
**Matrix: Water**  
**Analysis Batch: 129660**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cr (VI)	ND		0.020		mg/L			05/07/14 11:08	1

**Lab Sample ID: LCS 240-129660/24**  
**Matrix: Water**  
**Analysis Batch: 129660**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike	Added	LCS		Unit	D	%Rec	%Rec.	
			Result	Qualifier				Limits	Limits
Cr (VI)	0.250	0.279	^		mg/L		112	80 - 118	

**Lab Sample ID: LCS 240-129660/4**  
**Matrix: Water**  
**Analysis Batch: 129660**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike	Added	LCS		Unit	D	%Rec	%Rec.	
			Result	Qualifier				Limits	Limits
Cr (VI)	0.250	0.286			mg/L		114	80 - 118	

**Lab Sample ID: 240-36960-5 MS**  
**Matrix: Water**  
**Analysis Batch: 129660**

**Client Sample ID: MW-50-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec.	
	Result	Qualifier		Result	Qualifier				Limits	Limits
Cr (VI)	ND	^	0.250	0.196	^	mg/L		78	41 - 136	

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 7196A - Chromium, Hexavalent (Continued)

**Lab Sample ID: 240-36960-5 MSD**  
**Matrix: Water**  
**Analysis Batch: 129660**

**Client Sample ID: MW-50-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	ND	^	0.250	0.197	^	mg/L		79	41 - 136	1	20

**Lab Sample ID: MB 240-129831/3**  
**Matrix: Water**  
**Analysis Batch: 129831**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/08/14 09:53	1

**Lab Sample ID: 240-37050-7 MS**  
**Matrix: Water**  
**Analysis Batch: 129831**

**Client Sample ID: MW-12-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	ND		0.250	0.0900	F1	mg/L		34	41 - 136

**Lab Sample ID: 240-37050-7 MSD**  
**Matrix: Water**  
**Analysis Batch: 129831**

**Client Sample ID: MW-12-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	ND		0.250	0.101	F1	mg/L		39	41 - 136	11	20

**Lab Sample ID: MB 240-129983/3**  
**Matrix: Water**  
**Analysis Batch: 129983**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/09/14 08:07	1

**Lab Sample ID: LCS 240-129983/4**  
**Matrix: Water**  
**Analysis Batch: 129983**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.274		mg/L		110	80 - 118

**Lab Sample ID: 240-37110-1 MS**  
**Matrix: Water**  
**Analysis Batch: 129983**

**Client Sample ID: RT-5-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.20		0.250	0.191	F1	mg/L		-5	41 - 136

**Lab Sample ID: 240-37110-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 129983**

**Client Sample ID: RT-5-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	0.20		0.250	0.193	F1	mg/L		-4	41 - 136	1	20

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Lab Sample ID: 240-37110-9 MS**  
**Matrix: Water**  
**Analysis Batch: 129983**

**Client Sample ID: SW-12-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	ND		0.250	0.259		mg/L		104	41 - 136

**Lab Sample ID: 240-37110-9 MSD**  
**Matrix: Water**  
**Analysis Batch: 129983**

**Client Sample ID: SW-12-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	ND		0.250	0.256		mg/L		103	41 - 136	1	20

**Lab Sample ID: MB 240-130135/3**  
**Matrix: Water**  
**Analysis Batch: 130135**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/10/14 11:55	1

**Lab Sample ID: LCS 240-130135/4**  
**Matrix: Water**  
**Analysis Batch: 130135**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.263		mg/L		105	80 - 118

**Lab Sample ID: 240-37219-6 MS**  
**Matrix: Water**  
**Analysis Batch: 130135**

**Client Sample ID: MW-5-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	ND		0.250	0.222		mg/L		89	41 - 136

**Lab Sample ID: 240-37219-6 MSD**  
**Matrix: Water**  
**Analysis Batch: 130135**

**Client Sample ID: MW-5-2014-S**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	ND		0.250	0.238		mg/L		95	41 - 136	7	20

**Lab Sample ID: MB 240-130423/3**  
**Matrix: Water**  
**Analysis Batch: 130423**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			05/13/14 00:58	1

**Lab Sample ID: LCS 240-130423/4**  
**Matrix: Water**  
**Analysis Batch: 130423**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.285		mg/L		114	80 - 118

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Method: 7196A - Chromium, Hexavalent (Continued)

**Lab Sample ID: 240-37266-1 MS**

**Matrix: Water**

**Analysis Batch: 130423**

**Client Sample ID: MW-8-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	ND		0.250	0.302		mg/L		121	41 - 136

**Lab Sample ID: 240-37266-1 MSD**

**Matrix: Water**

**Analysis Batch: 130423**

**Client Sample ID: MW-8-2014-S**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	ND		0.250	0.338		mg/L		135	41 - 136	11	20

**Lab Sample ID: MB 240-130601/9-A**

**Matrix: Solid**

**Analysis Batch: 131224**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 130601**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.80		mg/Kg		05/14/14 09:42	05/16/14 00:00	1

**Lab Sample ID: LCS1 240-130601/30-A**

**Matrix: Solid**

**Analysis Batch: 131224**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 130601**

Analyte	Spike Added	LCS1 Result	LCS1 Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	643	633		mg/Kg		98	75 - 125

**Lab Sample ID: LCSS 240-130601/10-A**

**Matrix: Solid**

**Analysis Batch: 131224**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 130601**

Analyte	Spike Added	LCSS Result	LCSS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	20.0	21.1		mg/Kg		106	90 - 110

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## GC/MS VOA

### Analysis Batch: 130511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-1	MW-59-2014-S	Total/NA	Water	8260B	
240-36960-2	MW-58-2014-S	Total/NA	Water	8260B	
240-36960-3	MW-57-2014-S	Total/NA	Water	8260B	
240-36960-4	FD-01-2014-S	Total/NA	Water	8260B	
240-36960-6	MW-14-2014-S	Total/NA	Water	8260B	
240-36960-7	MW-49-2014-S	Total/NA	Water	8260B	
240-36960-8	MW-44-2014-S	Total/NA	Water	8260B	
240-36960-9	MW-43-2014-S	Total/NA	Water	8260B	
240-36960-10	MW-55-2014-S	Total/NA	Water	8260B	
240-36960-11	MW-41-2014-S	Total/NA	Water	8260B	
240-36960-12	MW-56-2014-S	Total/NA	Water	8260B	
240-36960-13	MW-42-2014-S	Total/NA	Water	8260B	
LCS 240-130511/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-130511/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 130596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-2	MW-46-2014-S	Total/NA	Water	8260B	
LCS 240-130596/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-130596/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 130697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-5	MW-50-2014-S	Total/NA	Water	8260B	
240-36960-5 MS	MW-50-2014-S	Total/NA	Water	8260B	
240-36960-5 MSD	MW-50-2014-S	Total/NA	Water	8260B	
240-36960-14	EB-101-GW	Total/NA	Water	8260B	
240-36960-15	TRIP BLANK	Total/NA	Water	8260B	

### Analysis Batch: 130825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-15	SD-17-2014-S	Total/NA	Solid	8260A	130840
240-37154-16	SD-9-2014-S	Total/NA	Solid	8260A	130840
240-37154-17	SD-4-2014-S	Total/NA	Solid	8260A	130840
240-37154-19	SD-7-2014-S	Total/NA	Solid	8260A	130840
240-37154-20	FD-04-SD-2014-S	Total/NA	Solid	8260A	130840
LCS 240-130825/5	Lab Control Sample	Total/NA	Solid	8260A	
MB 240-130825/6	Method Blank	Total/NA	Solid	8260A	

### Prep Batch: 130840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-15	SD-17-2014-S	Total/NA	Solid	5030B	
240-37154-16	SD-9-2014-S	Total/NA	Solid	5030B	
240-37154-17	SD-4-2014-S	Total/NA	Solid	5030B	
240-37154-19	SD-7-2014-S	Total/NA	Solid	5030B	
240-37154-20	FD-04-SD-2014-S	Total/NA	Solid	5030B	

### Analysis Batch: 130942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-15	TRIP BLANK	Total/NA	Water	8260B	
240-37050-1	MW-45-2014-S	Total/NA	Water	8260B	

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# QC Association Summary

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## GC/MS VOA (Continued)

### Analysis Batch: 130942 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-5	MW-51-2014-S	Total/NA	Water	8260B	
240-37050-6	MW-52-2014-S	Total/NA	Water	8260B	
240-37050-7	MW-12-2014-S	Total/NA	Water	8260B	
240-37050-9	EB-201-2014-S	Total/NA	Water	8260B	
LCS 240-130942/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-130942/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 130966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-18	SD-12-2014-S	Total/NA	Solid	8260A	130998
240-37154-18 MS	SD-12-2014-S	Total/NA	Solid	8260A	130998
240-37154-18 MSD	SD-12-2014-S	Total/NA	Solid	8260A	130998
LCS 240-130966/5	Lab Control Sample	Total/NA	Solid	8260A	
MB 240-130966/6	Method Blank	Total/NA	Solid	8260A	

### Prep Batch: 130998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-18	SD-12-2014-S	Total/NA	Solid	5030B	
240-37154-18 MS	SD-12-2014-S	Total/NA	Solid	5030B	
240-37154-18 MSD	SD-12-2014-S	Total/NA	Solid	5030B	

### Analysis Batch: 131072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-1	RT-5-2014-S	Total/NA	Water	8260B	
240-37154-1 MS	RT-5-2014-S	Total/NA	Water	8260B	
240-37154-1 MSD	RT-5-2014-S	Total/NA	Water	8260B	
240-37154-2	RT-4-2014-S	Total/NA	Water	8260B	
240-37154-4	RT-1-2014-S	Total/NA	Water	8260B	
240-37154-6	EB-301-GW	Total/NA	Water	8260B	
240-37154-7	SW-17-2014-S	Total/NA	Water	8260B	
240-37154-8	SW-9-2014-S	Total/NA	Water	8260B	
240-37154-9	SW-19-2014-S	Total/NA	Water	8260B	
240-37154-11	SW-22-2014-S	Total/NA	Water	8260B	
240-37154-12	FD-03-SW-2014-S	Total/NA	Water	8260B	
LCS 240-131072/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131072/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-1	MW-8-2014-S	Total/NA	Water	8260B	
240-37266-2	MW-23-2014-S	Total/NA	Water	8260B	
240-37266-3	MW-13-2014-S	Total/NA	Water	8260B	
240-37266-4	MW-16-2014-S	Total/NA	Water	8260B	
240-37266-5	EB-501-2014-S	Total/NA	Water	8260B	
240-37266-6	MW-54-2014-S	Total/NA	Water	8260B	
LCS 240-131079/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131079/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-15	TRIP BLANK	Total/NA	Water	8260B	

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# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## GC/MS VOA (Continued)

### Analysis Batch: 131080 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-8	MW-9-2014-S	Total/NA	Water	8260B	
LCS 240-131080/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131080/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-3	RT-2-2014-S	Total/NA	Water	8260B	
LCS 240-131131/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131131/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-7	MW-10-2014-S	Total/NA	Water	8260B	
LCS 240-131184/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131184/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-10	SW-12-2014-S	Total/NA	Water	8260B	
240-37154-10 MS	SW-12-2014-S	Total/NA	Water	8260B	
240-37154-10 MSD	SW-12-2014-S	Total/NA	Water	8260B	
240-37154-14	EB-302-SW	Total/NA	Water	8260B	
240-37154-21	EB-303-SD	Total/NA	Water	8260B	
LCS 240-131196/3	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131196/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37154-5	FD-02-2014-S	Total/NA	Water	8260B	
LCS 240-131333/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131333/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-15	TRIP BLANK	Total/NA	Water	8260B	
LCS 240-131335/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131335/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-15	TRIP BLANK	Total/NA	Water	8260B	
240-37219-1	MW-11-2014-S	Total/NA	Water	8260B	
240-37219-1 MS	MW-11-2014-S	Total/NA	Water	8260B	
240-37219-1 MSD	MW-11-2014-S	Total/NA	Water	8260B	
240-37219-2	MW-7-2014-S	Total/NA	Water	8260B	
240-37219-3	MW-25-2014-S	Total/NA	Water	8260B	
240-37219-4	MW-53-2014-S	Total/NA	Water	8260B	
240-37219-5	EB-401-2014-S	Total/NA	Water	8260B	
240-37219-6	MW-5-2014-S	Total/NA	Water	8260B	
LCS 240-131365/3	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131365/5	Method Blank	Total/NA	Water	8260B	

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# QC Association Summary

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## GC/MS VOA (Continued)

### Analysis Batch: 131531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-8	MW-20-2014-S	Total/NA	Water	8260B	
LCS 240-131531/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131531/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37489-2	FD-601-051514	Total/NA	Water	8260B	
240-37489-3	VP-101-051514	Total/NA	Water	8260B	
LCS 240-131760/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131760/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37489-11	MW-48-2014-SR	Total/NA	Water	8260B	
LCS 240-131939/3	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131939/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 131983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37489-10	VP-114-051514	Total/NA	Water	8260B	
240-37489-10 MS	VP-114-051514	Total/NA	Water	8260B	
240-37489-10 MSD	VP-114-051514	Total/NA	Water	8260B	
LCS 240-131983/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-131983/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 132099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37489-1	EB-601-051514	Total/NA	Water	8260B	
240-37489-4	VP-103-051514	Total/NA	Water	8260B	
240-37489-5	VP-108-051514	Total/NA	Water	8260B	
240-37489-6	VP-107-051514	Total/NA	Water	8260B	
240-37489-7	VP-110-051514	Total/NA	Water	8260B	
240-37489-8	VP-106-051514	Total/NA	Water	8260B	
240-37489-9	VP-112-051514	Total/NA	Water	8260B	
240-37489-12	MW-47-2014-SR	Total/NA	Water	8260B	
LCS 240-132099/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-132099/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 132266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37489-13	TRIP BLANKS	Total/NA	Water	8260B	
LCS 240-132266/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-132266/5	Method Blank	Total/NA	Water	8260B	

## GC/MS Semi VOA

### Prep Batch: 130133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-1	RT-5-2014-S	Total/NA	Water	3510C	
240-37135-1 MS	RT-5-2014-S	Total/NA	Water	3510C	

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# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## GC/MS Semi VOA (Continued)

### Prep Batch: 130133 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-1 MSD	RT-5-2014-S	Total/NA	Water	3510C	
240-37135-2	RT-4-2014-S	Total/NA	Water	3510C	

### Prep Batch: 130175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-3	RT-2-2014-S	Total/NA	Water	3510C	
240-37135-5	FD-02-2014-S	Total/NA	Water	3510C	
240-37135-12	EB-301-GW	Total/NA	Water	3510C	

### Prep Batch: 130584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-2	MW-23-2014-S	Total/NA	Water	3510C	
240-37266-5	EB-501-2014-S	Total/NA	Water	3510C	
LCS 240-130584/21-A	Lab Control Sample	Total/NA	Water	3510C	
MB 240-130584/20-A	Method Blank	Total/NA	Water	3510C	

### Analysis Batch: 131276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-130584/21-A	Lab Control Sample	Total/NA	Water	8270C	130584
MB 240-130584/20-A	Method Blank	Total/NA	Water	8270C	130584

### Analysis Batch: 131455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-1	RT-5-2014-S	Total/NA	Water	8270C	130133
240-37135-1 MS	RT-5-2014-S	Total/NA	Water	8270C	130133
240-37135-1 MSD	RT-5-2014-S	Total/NA	Water	8270C	130133
240-37135-2	RT-4-2014-S	Total/NA	Water	8270C	130133
240-37135-3	RT-2-2014-S	Total/NA	Water	8270C	130175
240-37135-5	FD-02-2014-S	Total/NA	Water	8270C	130175
240-37135-12	EB-301-GW	Total/NA	Water	8270C	130175
240-37266-2	MW-23-2014-S	Total/NA	Water	8270C	130584
240-37266-5	EB-501-2014-S	Total/NA	Water	8270C	130584

## Air - GC/MS VOA

### Analysis Batch: 1246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37510-1	VP-3-051114	Total/NA	Air	TO-15	
240-37510-3	VP-107-051414	Total/NA	Air	TO-15	
LCS 140-1246/1002	Lab Control Sample	Total/NA	Air	TO-15	
MB 140-1246/5	Method Blank	Total/NA	Air	TO-15	

### Analysis Batch: 1254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37510-2	VP-11-051114	Total/NA	Air	TO-15	
240-37510-4	VP-110-051414	Total/NA	Air	TO-15	
240-37510-5	VP-106-051414	Total/NA	Air	TO-15	
240-37510-6	VP-108-051414	Total/NA	Air	TO-15	
240-37510-7	FD-101-051414	Total/NA	Air	TO-15	
240-37510-8	VP-114-051414	Total/NA	Air	TO-15	

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# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Air - GC/MS VOA (Continued)

### Analysis Batch: 1254 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37510-9	AB-101-051414	Total/NA	Air	TO-15	
240-37510-10	TB-101-051414	Total/NA	Air	TO-15	
LCS 140-1254/1002	Lab Control Sample	Total/NA	Air	TO-15	
MB 140-1254/4	Method Blank	Total/NA	Air	TO-15	

## Metals

### Prep Batch: 129760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-1	MW-59-2014-S	Total Recoverable	Water	3005A	
240-36960-2	MW-58-2014-S	Total Recoverable	Water	3005A	
240-36960-3	MW-57-2014-S	Total Recoverable	Water	3005A	
240-36960-4	FD-01-2014-S	Total Recoverable	Water	3005A	
240-36960-5	MW-50-2014-S	Total Recoverable	Water	3005A	
240-36960-5 MS	MW-50-2014-S	Total Recoverable	Water	3005A	
240-36960-5 MSD	MW-50-2014-S	Total Recoverable	Water	3005A	
240-36960-6	MW-14-2014-S	Total Recoverable	Water	3005A	
240-36960-7	MW-49-2014-S	Total Recoverable	Water	3005A	
240-36960-8	MW-44-2014-S	Total Recoverable	Water	3005A	
240-36960-9	MW-43-2014-S	Total Recoverable	Water	3005A	
240-36960-10	MW-55-2014-S	Total Recoverable	Water	3005A	
240-36960-11	MW-41-2014-S	Total Recoverable	Water	3005A	
240-36960-12	MW-56-2014-S	Total Recoverable	Water	3005A	
240-36960-13	MW-42-2014-S	Total Recoverable	Water	3005A	
240-36960-14	EB-101-GW	Total Recoverable	Water	3005A	
LCS 240-129760/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-129760/1-A	Method Blank	Total Recoverable	Water	3005A	

### Prep Batch: 129934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-1	MW-45-2014-S	Total Recoverable	Water	3005A	
240-37050-1 MS	MW-45-2014-S	Total Recoverable	Water	3005A	
240-37050-1 MSD	MW-45-2014-S	Total Recoverable	Water	3005A	
240-37050-2	MW-46-2014-S	Total Recoverable	Water	3005A	
240-37050-3	MW-47-2014-S	Total Recoverable	Water	3005A	
240-37050-4	MW-48-2014-S	Total Recoverable	Water	3005A	
240-37050-5	MW-51-2014-S	Total Recoverable	Water	3005A	
240-37050-6	MW-52-2014-S	Total Recoverable	Water	3005A	
240-37050-7	MW-12-2014-S	Total Recoverable	Water	3005A	
240-37050-8	MW-20-2014-S	Total Recoverable	Water	3005A	
240-37050-9	EB-201-2014-S	Total Recoverable	Water	3005A	
LCS 240-129934/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-129934/1-A	Method Blank	Total Recoverable	Water	3005A	

### Analysis Batch: 130170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-1	MW-59-2014-S	Total Recoverable	Water	6010B	129760
240-36960-2	MW-58-2014-S	Total Recoverable	Water	6010B	129760
240-36960-3	MW-57-2014-S	Total Recoverable	Water	6010B	129760
240-36960-4	FD-01-2014-S	Total Recoverable	Water	6010B	129760

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# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Metals (Continued)

### Analysis Batch: 130170 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-5	MW-50-2014-S	Total Recoverable	Water	6010B	129760
240-36960-5 MS	MW-50-2014-S	Total Recoverable	Water	6010B	129760
240-36960-5 MSD	MW-50-2014-S	Total Recoverable	Water	6010B	129760
240-36960-6	MW-14-2014-S	Total Recoverable	Water	6010B	129760
240-36960-7	MW-49-2014-S	Total Recoverable	Water	6010B	129760
240-36960-8	MW-44-2014-S	Total Recoverable	Water	6010B	129760
240-36960-9	MW-43-2014-S	Total Recoverable	Water	6010B	129760
240-36960-10	MW-55-2014-S	Total Recoverable	Water	6010B	129760
240-36960-11	MW-41-2014-S	Total Recoverable	Water	6010B	129760
240-36960-12	MW-56-2014-S	Total Recoverable	Water	6010B	129760
240-36960-13	MW-42-2014-S	Total Recoverable	Water	6010B	129760
240-36960-14	EB-101-GW	Total Recoverable	Water	6010B	129760
LCS 240-129760/2-A	Lab Control Sample	Total Recoverable	Water	6010B	129760
MB 240-129760/1-A	Method Blank	Total Recoverable	Water	6010B	129760

### Analysis Batch: 130377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-1	MW-45-2014-S	Total Recoverable	Water	6010B	129934
240-37050-1 MS	MW-45-2014-S	Total Recoverable	Water	6010B	129934
240-37050-1 MSD	MW-45-2014-S	Total Recoverable	Water	6010B	129934
240-37050-2	MW-46-2014-S	Total Recoverable	Water	6010B	129934
240-37050-3	MW-47-2014-S	Total Recoverable	Water	6010B	129934
240-37050-4	MW-48-2014-S	Total Recoverable	Water	6010B	129934
240-37050-5	MW-51-2014-S	Total Recoverable	Water	6010B	129934
240-37050-6	MW-52-2014-S	Total Recoverable	Water	6010B	129934
240-37050-7	MW-12-2014-S	Total Recoverable	Water	6010B	129934
240-37050-8	MW-20-2014-S	Total Recoverable	Water	6010B	129934
240-37050-9	EB-201-2014-S	Total Recoverable	Water	6010B	129934
LCS 240-129934/2-A	Lab Control Sample	Total Recoverable	Water	6010B	129934
MB 240-129934/1-A	Method Blank	Total Recoverable	Water	6010B	129934

### Prep Batch: 130475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-15	SD-17-2014-S	Total/NA	Solid	3050B	
240-37110-16	SD-9-2014-S	Total/NA	Solid	3050B	
240-37110-17	SD-4-2014-S	Total/NA	Solid	3050B	
240-37110-18	SD-12-2014-S	Total/NA	Solid	3050B	
240-37110-18 MS	SD-12-2014-S	Total/NA	Solid	3050B	
240-37110-18 MSD	SD-12-2014-S	Total/NA	Solid	3050B	
240-37110-19	SD-7-2014-S	Total/NA	Solid	3050B	
240-37110-20	FD-04-SD-2014S	Total/NA	Solid	3050B	
LCS 240-130475/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-130475/1-A	Method Blank	Total/NA	Solid	3050B	

### Analysis Batch: 130613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-15	SD-17-2014-S	Total/NA	Solid	6010B	130475
240-37110-16	SD-9-2014-S	Total/NA	Solid	6010B	130475
240-37110-17	SD-4-2014-S	Total/NA	Solid	6010B	130475
240-37110-18	SD-12-2014-S	Total/NA	Solid	6010B	130475
240-37110-18 MS	SD-12-2014-S	Total/NA	Solid	6010B	130475

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# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Metals (Continued)

### Analysis Batch: 130613 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-18 MSD	SD-12-2014-S	Total/NA	Solid	6010B	130475
240-37110-19	SD-7-2014-S	Total/NA	Solid	6010B	130475
240-37110-20	FD-04-SD-2014S	Total/NA	Solid	6010B	130475
LCS 240-130475/2-A	Lab Control Sample	Total/NA	Solid	6010B	130475
MB 240-130475/1-A	Method Blank	Total/NA	Solid	6010B	130475

### Prep Batch: 130620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37219-1	MW-11-2014-S	Total Recoverable	Water	3005A	
240-37219-2	MW-7-2014-S	Total Recoverable	Water	3005A	
240-37219-3	MW-25-2014-S	Total Recoverable	Water	3005A	
240-37219-4	MW-53-2014-S	Total Recoverable	Water	3005A	
240-37219-5	EB-401-2014-S	Total Recoverable	Water	3005A	
240-37219-6	MW-5-2014-S	Total Recoverable	Water	3005A	
240-37219-6 MS	MW-5-2014-S	Total Recoverable	Water	3005A	
240-37219-6 MSD	MW-5-2014-S	Total Recoverable	Water	3005A	
240-37266-1	MW-8-2014-S	Total Recoverable	Water	3005A	
240-37266-2	MW-23-2014-S	Total Recoverable	Water	3005A	
240-37266-3	MW-13-2014-S	Total Recoverable	Water	3005A	
240-37266-4	MW-16-2014-S	Total Recoverable	Water	3005A	
240-37266-5	EB-501-2014-S	Total Recoverable	Water	3005A	
240-37266-6	MW-54-2014-S	Total Recoverable	Water	3005A	
240-37266-7	MW-10-2014-S	Total Recoverable	Water	3005A	
240-37266-8	MW-9-2014-S	Total Recoverable	Water	3005A	
LCS 240-130620/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-130620/1-A	Method Blank	Total Recoverable	Water	3005A	

### Prep Batch: 130639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-1	RT-5-2014-S	Total Recoverable	Water	3005A	
240-37135-1 MS	RT-5-2014-S	Total Recoverable	Water	3005A	
240-37135-1 MSD	RT-5-2014-S	Total Recoverable	Water	3005A	
240-37135-2	RT-4-2014-S	Total Recoverable	Water	3005A	
240-37135-3	RT-2-2014-S	Total Recoverable	Water	3005A	
240-37135-4	RT-1-2014-S	Total Recoverable	Water	3005A	
240-37135-5	FD-02-2014-S	Total Recoverable	Water	3005A	
240-37135-6	SW-17-2014-S	Total Recoverable	Water	3005A	
240-37135-7	SW-9-2014-S	Total Recoverable	Water	3005A	
240-37135-8	SW-19-2014-S	Total Recoverable	Water	3005A	
240-37135-9	SW-12-2014-S	Total Recoverable	Water	3005A	
240-37135-9 MS	SW-12-2014-S	Total Recoverable	Water	3005A	
240-37135-9 MSD	SW-12-2014-S	Total Recoverable	Water	3005A	
240-37135-10	SW-22-2014-S	Total Recoverable	Water	3005A	
240-37135-11	FD-03-SW-2014-S	Total Recoverable	Water	3005A	
240-37135-12	EB-301-GW	Total Recoverable	Water	3005A	
240-37135-13	EB-302-SW	Total Recoverable	Water	3005A	
240-37135-14	EB-303-SD	Total Recoverable	Water	3005A	
LCS 240-130639/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-130639/1-A	Method Blank	Total Recoverable	Water	3005A	

TestAmerica Canton

# QC Association Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Metals (Continued)

### Analysis Batch: 130788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-1	RT-5-2014-S	Total Recoverable	Water	6010B	130639
240-37135-1 MS	RT-5-2014-S	Total Recoverable	Water	6010B	130639
240-37135-1 MSD	RT-5-2014-S	Total Recoverable	Water	6010B	130639
240-37135-2	RT-4-2014-S	Total Recoverable	Water	6010B	130639
240-37135-3	RT-2-2014-S	Total Recoverable	Water	6010B	130639
240-37135-4	RT-1-2014-S	Total Recoverable	Water	6010B	130639
240-37135-6	SW-17-2014-S	Total Recoverable	Water	6010B	130639
240-37135-7	SW-9-2014-S	Total Recoverable	Water	6010B	130639
240-37135-8	SW-19-2014-S	Total Recoverable	Water	6010B	130639
240-37135-9	SW-12-2014-S	Total Recoverable	Water	6010B	130639
240-37135-9 MS	SW-12-2014-S	Total Recoverable	Water	6010B	130639
240-37135-9 MSD	SW-12-2014-S	Total Recoverable	Water	6010B	130639
240-37135-10	SW-22-2014-S	Total Recoverable	Water	6010B	130639
240-37135-11	FD-03-SW-2014-S	Total Recoverable	Water	6010B	130639
240-37135-12	EB-301-GW	Total Recoverable	Water	6010B	130639
240-37135-13	EB-302-SW	Total Recoverable	Water	6010B	130639
240-37135-14	EB-303-SD	Total Recoverable	Water	6010B	130639
240-37219-1	MW-11-2014-S	Total Recoverable	Water	6010B	130620
240-37219-2	MW-7-2014-S	Total Recoverable	Water	6010B	130620
240-37219-3	MW-25-2014-S	Total Recoverable	Water	6010B	130620
240-37219-4	MW-53-2014-S	Total Recoverable	Water	6010B	130620
240-37219-5	EB-401-2014-S	Total Recoverable	Water	6010B	130620
240-37219-6	MW-5-2014-S	Total Recoverable	Water	6010B	130620
240-37219-6 MS	MW-5-2014-S	Total Recoverable	Water	6010B	130620
240-37219-6 MSD	MW-5-2014-S	Total Recoverable	Water	6010B	130620
240-37266-1	MW-8-2014-S	Total Recoverable	Water	6010B	130620
240-37266-2	MW-23-2014-S	Total Recoverable	Water	6010B	130620
240-37266-3	MW-13-2014-S	Total Recoverable	Water	6010B	130620
240-37266-4	MW-16-2014-S	Total Recoverable	Water	6010B	130620
240-37266-5	EB-501-2014-S	Total Recoverable	Water	6010B	130620
240-37266-6	MW-54-2014-S	Total Recoverable	Water	6010B	130620
240-37266-7	MW-10-2014-S	Total Recoverable	Water	6010B	130620
240-37266-8	MW-9-2014-S	Total Recoverable	Water	6010B	130620
LCS 240-130620/2-A	Lab Control Sample	Total Recoverable	Water	6010B	130620
LCS 240-130639/2-A	Lab Control Sample	Total Recoverable	Water	6010B	130639
MB 240-130620/1-A	Method Blank	Total Recoverable	Water	6010B	130620
MB 240-130639/1-A	Method Blank	Total Recoverable	Water	6010B	130639

### Analysis Batch: 130983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37135-5	FD-02-2014-S	Total Recoverable	Water	6010B	130639

## General Chemistry

### Analysis Batch: 129660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-1	MW-59-2014-S	Total/NA	Water	7196A	
240-36960-2	MW-58-2014-S	Total/NA	Water	7196A	
240-36960-3	MW-57-2014-S	Total/NA	Water	7196A	
240-36960-4	FD-01-2014-S	Total/NA	Water	7196A	

TestAmerica Canton

# QC Association Summary

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## General Chemistry (Continued)

### Analysis Batch: 129660 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36960-5	MW-50-2014-S	Total/NA	Water	7196A	
240-36960-5 MS	MW-50-2014-S	Total/NA	Water	7196A	
240-36960-5 MSD	MW-50-2014-S	Total/NA	Water	7196A	
240-36960-6	MW-14-2014-S	Total/NA	Water	7196A	
240-36960-7	MW-49-2014-S	Total/NA	Water	7196A	
240-36960-8	MW-44-2014-S	Total/NA	Water	7196A	
240-36960-9	MW-43-2014-S	Total/NA	Water	7196A	
240-36960-10	MW-55-2014-S	Total/NA	Water	7196A	
240-36960-11	MW-41-2014-S	Total/NA	Water	7196A	
240-36960-12	MW-56-2014-S	Total/NA	Water	7196A	
240-36960-13	MW-42-2014-S	Total/NA	Water	7196A	
240-36960-14	EB-101-GW	Total/NA	Water	7196A	
LCS 240-129660/24	Lab Control Sample	Total/NA	Water	7196A	
LCS 240-129660/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-129660/23	Method Blank	Total/NA	Water	7196A	
MB 240-129660/3	Method Blank	Total/NA	Water	7196A	

### Analysis Batch: 129831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37050-1	MW-45-2014-S	Total/NA	Water	7196A	
240-37050-2	MW-46-2014-S	Total/NA	Water	7196A	
240-37050-3	MW-47-2014-S	Total/NA	Water	7196A	
240-37050-4	MW-48-2014-S	Total/NA	Water	7196A	
240-37050-5	MW-51-2014-S	Total/NA	Water	7196A	
240-37050-6	MW-52-2014-S	Total/NA	Water	7196A	
240-37050-7	MW-12-2014-S	Total/NA	Water	7196A	
240-37050-7 MS	MW-12-2014-S	Total/NA	Water	7196A	
240-37050-7 MSD	MW-12-2014-S	Total/NA	Water	7196A	
240-37050-8	MW-20-2014-S	Total/NA	Water	7196A	
240-37050-9	EB-201-2014-S	Total/NA	Water	7196A	
LCS 240-129831/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-129831/3	Method Blank	Total/NA	Water	7196A	

### Analysis Batch: 129983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-1	RT-5-2014-S	Total/NA	Water	7196A	
240-37110-1 MS	RT-5-2014-S	Total/NA	Water	7196A	
240-37110-1 MSD	RT-5-2014-S	Total/NA	Water	7196A	
240-37110-2	RT-4-2014-S	Total/NA	Water	7196A	
240-37110-3	RT-2-2014-S	Total/NA	Water	7196A	
240-37110-4	RT-1-2014-S	Total/NA	Water	7196A	
240-37110-5	FD-02-2014-S	Total/NA	Water	7196A	
240-37110-6	SW-17-2014-S	Total/NA	Water	7196A	
240-37110-7	SW-9-2014-S	Total/NA	Water	7196A	
240-37110-8	SW-19-2014-S	Total/NA	Water	7196A	
240-37110-9	SW-12-2014-S	Total/NA	Water	7196A	
240-37110-9 MS	SW-12-2014-S	Total/NA	Water	7196A	
240-37110-9 MSD	SW-12-2014-S	Total/NA	Water	7196A	
240-37110-10	SW-22-2014-S	Total/NA	Water	7196A	
240-37110-11	FD-03-SN-2014S	Total/NA	Water	7196A	
240-37110-12	EB-301-GW	Total/NA	Water	7196A	

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# QC Association Summary

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## General Chemistry (Continued)

### Analysis Batch: 129983 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-13	EB-302-SW	Total/NA	Water	7196A	
240-37110-14	EB-303-SD	Total/NA	Water	7196A	
LCS 240-129983/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-129983/3	Method Blank	Total/NA	Water	7196A	

### Analysis Batch: 130135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37219-1	MW-11-2014-S	Total/NA	Water	7196A	
240-37219-2	MW-7-2014-S	Total/NA	Water	7196A	
240-37219-3	MW-25-2014-S	Total/NA	Water	7196A	
240-37219-4	MW-53-2014-S	Total/NA	Water	7196A	
240-37219-5	EB-401-2014-S	Total/NA	Water	7196A	
240-37219-6	MW-5-2014-S	Total/NA	Water	7196A	
240-37219-6 MS	MW-5-2014-S	Total/NA	Water	7196A	
240-37219-6 MSD	MW-5-2014-S	Total/NA	Water	7196A	
LCS 240-130135/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-130135/3	Method Blank	Total/NA	Water	7196A	

### Analysis Batch: 130212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-15	SD-17-2014-S	Total/NA	Solid	Moisture	
240-37110-16	SD-9-2014-S	Total/NA	Solid	Moisture	
240-37110-17	SD-4-2014-S	Total/NA	Solid	Moisture	
240-37110-18	SD-12-2014-S	Total/NA	Solid	Moisture	
240-37110-18 DU	SD-12-2014-S	Total/NA	Solid	Moisture	
240-37110-19	SD-7-2014-S	Total/NA	Solid	Moisture	
240-37110-20	FD-04-SD-2014S	Total/NA	Solid	Moisture	
240-37154-15	SD-17-2014-S	Total/NA	Solid	Moisture	
240-37154-16	SD-9-2014-S	Total/NA	Solid	Moisture	
240-37154-17	SD-4-2014-S	Total/NA	Solid	Moisture	
240-37154-18	SD-12-2014-S	Total/NA	Solid	Moisture	
240-37154-18 DU	SD-12-2014-S	Total/NA	Solid	Moisture	
240-37154-19	SD-7-2014-S	Total/NA	Solid	Moisture	
240-37154-20	FD-04-SD-2014-S	Total/NA	Solid	Moisture	

### Analysis Batch: 130423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37266-1	MW-8-2014-S	Total/NA	Water	7196A	
240-37266-1 MS	MW-8-2014-S	Total/NA	Water	7196A	
240-37266-1 MSD	MW-8-2014-S	Total/NA	Water	7196A	
240-37266-2	MW-23-2014-S	Total/NA	Water	7196A	
240-37266-3	MW-13-2014-S	Total/NA	Water	7196A	
240-37266-4	MW-16-2014-S	Total/NA	Water	7196A	
240-37266-5	EB-501-2014-S	Total/NA	Water	7196A	
240-37266-6	MW-54-2014-S	Total/NA	Water	7196A	
240-37266-7	MW-10-2014-S	Total/NA	Water	7196A	
240-37266-8	MW-9-2014-S	Total/NA	Water	7196A	
LCS 240-130423/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-130423/3	Method Blank	Total/NA	Water	7196A	

# QC Association Summary

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## General Chemistry (Continued)

### Prep Batch: 130601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-15	SD-17-2014-S	Total/NA	Solid	3060A	
240-37110-16	SD-9-2014-S	Total/NA	Solid	3060A	
240-37110-17	SD-4-2014-S	Total/NA	Solid	3060A	
240-37110-18	SD-12-2014-S	Total/NA	Solid	3060A	
240-37110-19	SD-7-2014-S	Total/NA	Solid	3060A	
240-37110-20	FD-04-SD-2014S	Total/NA	Solid	3060A	
LCSI 240-130601/30-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSS 240-130601/10-A	Lab Control Sample	Total/NA	Solid	3060A	
MB 240-130601/9-A	Method Blank	Total/NA	Solid	3060A	

### Analysis Batch: 131224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37110-15	SD-17-2014-S	Total/NA	Solid	7196A	130601
240-37110-16	SD-9-2014-S	Total/NA	Solid	7196A	130601
240-37110-17	SD-4-2014-S	Total/NA	Solid	7196A	130601
240-37110-18	SD-12-2014-S	Total/NA	Solid	7196A	130601
240-37110-19	SD-7-2014-S	Total/NA	Solid	7196A	130601
240-37110-20	FD-04-SD-2014S	Total/NA	Solid	7196A	130601
LCSI 240-130601/30-A	Lab Control Sample	Total/NA	Solid	7196A	130601
LCSS 240-130601/10-A	Lab Control Sample	Total/NA	Solid	7196A	130601
MB 240-130601/9-A	Method Blank	Total/NA	Solid	7196A	130601

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-59-2014-S

Lab Sample ID: 240-36960-1

Date Collected: 05/06/14 09:10

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130511	05/14/14 04:12	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 17:38	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 12:00	LCN	TAL CAN

## Client Sample ID: MW-58-2014-S

Lab Sample ID: 240-36960-2

Date Collected: 05/06/14 09:25

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130511	05/14/14 04:34	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 17:42	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 11:38	LCN	TAL CAN

## Client Sample ID: MW-57-2014-S

Lab Sample ID: 240-36960-3

Date Collected: 05/06/14 12:15

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.67	130511	05/14/14 04:57	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 17:46	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 11:58	LCN	TAL CAN

## Client Sample ID: FD-01-2014-S

Lab Sample ID: 240-36960-4

Date Collected: 05/06/14 10:00

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		6.67	130511	05/14/14 05:19	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 17:50	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 11:32	LCN	TAL CAN

## Client Sample ID: MW-50-2014-S

Lab Sample ID: 240-36960-5

Date Collected: 05/06/14 12:45

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130697	05/15/14 01:12	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN

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# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: MW-50-2014-S**

**Lab Sample ID: 240-36960-5**

Date Collected: 05/06/14 12:45

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6010B		1	130170	05/09/14 17:11	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 11:52	LCN	TAL CAN

**Client Sample ID: MW-14-2014-S**

**Lab Sample ID: 240-36960-6**

Date Collected: 05/06/14 13:00

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		11.11	130511	05/14/14 05:41	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 17:54	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 11:34	LCN	TAL CAN

**Client Sample ID: MW-49-2014-S**

**Lab Sample ID: 240-36960-7**

Date Collected: 05/06/14 14:10

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		12.5	130511	05/14/14 06:03	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 17:58	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 11:42	LCN	TAL CAN

**Client Sample ID: MW-44-2014-S**

**Lab Sample ID: 240-36960-8**

Date Collected: 05/06/14 14:20

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	130511	05/14/14 06:26	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 18:02	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 12:06	LCN	TAL CAN

**Client Sample ID: MW-43-2014-S**

**Lab Sample ID: 240-36960-9**

Date Collected: 05/06/14 15:20

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		16.67	130511	05/14/14 06:48	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 18:06	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 11:36	LCN	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-55-2014-S

Lab Sample ID: 240-36960-10

Date Collected: 05/06/14 16:05

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	130511	05/14/14 07:11	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 18:10	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 12:04	LCN	TAL CAN

## Client Sample ID: MW-41-2014-S

Lab Sample ID: 240-36960-11

Date Collected: 05/06/14 16:45

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	130511	05/14/14 07:33	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 18:22	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 12:08	LCN	TAL CAN

## Client Sample ID: MW-56-2014-S

Lab Sample ID: 240-36960-12

Date Collected: 05/06/14 17:15

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	130511	05/14/14 07:56	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 18:26	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 12:02	LCN	TAL CAN

## Client Sample ID: MW-42-2014-S

Lab Sample ID: 240-36960-13

Date Collected: 05/06/14 17:25

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	130511	05/14/14 08:18	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130170	05/09/14 18:30	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 11:40	LCN	TAL CAN

## Client Sample ID: EB-101-GW

Lab Sample ID: 240-36960-14

Date Collected: 05/06/14 17:35

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130697	05/15/14 02:19	RJQ	TAL CAN
Total Recoverable	Prep	3005A			129760	05/08/14 06:38	LPM	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: EB-101-GW

Lab Sample ID: 240-36960-14

Date Collected: 05/06/14 17:35

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6010B		1	130170	05/09/14 18:34	KLC	TAL CAN
Total/NA	Analysis	7196A		1	129660	05/07/14 12:10	LCN	TAL CAN

## Client Sample ID: TRIP BLANK

Lab Sample ID: 240-36960-15

Date Collected: 05/06/14 00:00

Matrix: Water

Date Received: 05/07/14 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130942	05/16/14 17:21	LRW	TAL CAN
Total/NA	Analysis	8260B		1	131080	05/17/14 20:24	LRW	TAL CAN
Total/NA	Analysis	8260B		1	131335	05/20/14 13:31	LEE	TAL CAN
Total/NA	Analysis	8260B		1	130697	05/15/14 02:41	RJQ	TAL CAN
Total/NA	Analysis	8260B		1	131365	05/20/14 20:42	RJQ	TAL CAN

## Client Sample ID: MW-45-2014-S

Lab Sample ID: 240-37050-1

Date Collected: 05/07/14 10:50

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1000	130942	05/16/14 15:03	LRW	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 19:48	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-46-2014-S

Lab Sample ID: 240-37050-2

Date Collected: 05/07/14 11:35

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		200	130596	05/14/14 12:34	LEE	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:16	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-47-2014-S

Lab Sample ID: 240-37050-3

Date Collected: 05/07/14 08:30

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:20	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-48-2014-S

Lab Sample ID: 240-37050-4

Date Collected: 05/07/14 09:20

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:24	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-51-2014-S

Lab Sample ID: 240-37050-5

Date Collected: 05/07/14 09:50

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		500	130942	05/16/14 15:52	LRW	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:28	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-52-2014-S

Lab Sample ID: 240-37050-6

Date Collected: 05/07/14 09:05

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		500	130942	05/16/14 16:14	LRW	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:32	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-12-2014-S

Lab Sample ID: 240-37050-7

Date Collected: 05/07/14 15:30

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130942	05/16/14 16:36	LRW	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:36	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: MW-20-2014-S

Lab Sample ID: 240-37050-8

Date Collected: 05/07/14 15:40

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		16.67	131531	05/21/14 13:47	LEE	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:40	RKT	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-20-2014-S

Lab Sample ID: 240-37050-8

Date Collected: 05/07/14 15:40

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: EB-201-2014-S

Lab Sample ID: 240-37050-9

Date Collected: 05/07/14 16:00

Matrix: Water

Date Received: 05/08/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	130942	05/16/14 16:59	LRW	TAL CAN
Total Recoverable	Prep	3005A			129934	05/09/14 07:15	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130377	05/12/14 20:44	RKT	TAL CAN
Total/NA	Analysis	7196A		1	129831	05/08/14 09:53	LCN	TAL CAN

## Client Sample ID: RT-5-2014-S

Lab Sample ID: 240-37110-1

Date Collected: 05/08/14 09:30

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:15	LCN	TAL CAN

## Client Sample ID: RT-4-2014-S

Lab Sample ID: 240-37110-2

Date Collected: 05/08/14 10:00

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:30	LCN	TAL CAN

## Client Sample ID: RT-2-2014-S

Lab Sample ID: 240-37110-3

Date Collected: 05/08/14 10:30

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:34	LCN	TAL CAN

## Client Sample ID: RT-1-2014-S

Lab Sample ID: 240-37110-4

Date Collected: 05/08/14 11:00

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:38	LCN	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: FD-02-2014-S**

**Lab Sample ID: 240-37110-5**

Date Collected: 05/08/14 09:00

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:27	LCN	TAL CAN

**Client Sample ID: SW-17-2014-S**

**Lab Sample ID: 240-37110-6**

Date Collected: 05/08/14 13:10

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:58	LCN	TAL CAN

**Client Sample ID: SW-9-2014-S**

**Lab Sample ID: 240-37110-7**

Date Collected: 05/08/14 13:50

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:01	LCN	TAL CAN

**Client Sample ID: SW-19-2014-S**

**Lab Sample ID: 240-37110-8**

Date Collected: 05/08/14 15:15

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:09	LCN	TAL CAN

**Client Sample ID: SW-12-2014-S**

**Lab Sample ID: 240-37110-9**

Date Collected: 05/08/14 15:40

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:13	LCN	TAL CAN

**Client Sample ID: SW-22-2014-S**

**Lab Sample ID: 240-37110-10**

Date Collected: 05/08/14 16:05

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:05	LCN	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: FD-03-SN-2014S

Lab Sample ID: 240-37110-11

Date Collected: 05/08/14 12:00

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:46	LCN	TAL CAN

## Client Sample ID: EB-301-GW

Lab Sample ID: 240-37110-12

Date Collected: 05/08/14 11:30

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 08:42	LCN	TAL CAN

## Client Sample ID: EB-302-SW

Lab Sample ID: 240-37110-13

Date Collected: 05/08/14 16:20

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:29	LCN	TAL CAN

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37110-14

Date Collected: 05/08/14 16:30

Matrix: Water

Date Received: 05/09/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	129983	05/09/14 09:25	LCN	TAL CAN

## Client Sample ID: SD-17-2014-S

Lab Sample ID: 240-37110-15

Date Collected: 05/08/14 13:15

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 80.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 19:43	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 15:58	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: SD-9-2014-S

Lab Sample ID: 240-37110-16

Date Collected: 05/08/14 14:00

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 19:55	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SD-9-2014-S**

**Lab Sample ID: 240-37110-16**

Date Collected: 05/08/14 14:00

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	131224	05/16/14 16:02	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

**Client Sample ID: SD-4-2014-S**

**Lab Sample ID: 240-37110-17**

Date Collected: 05/08/14 15:20

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 19:59	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 16:04	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

**Client Sample ID: SD-12-2014-S**

**Lab Sample ID: 240-37110-18**

Date Collected: 05/08/14 15:45

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 75.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 19:20	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 16:08	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

**Client Sample ID: SD-7-2014-S**

**Lab Sample ID: 240-37110-19**

Date Collected: 05/08/14 16:10

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 78.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	130613	05/14/14 20:03	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 16:11	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

**Client Sample ID: FD-04-SD-2014S**

**Lab Sample ID: 240-37110-20**

Date Collected: 05/08/14 12:15

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			130475	05/13/14 12:00	DEE	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: FD-04-SD-2014S

Lab Sample ID: 240-37110-20

Date Collected: 05/08/14 12:15

Matrix: Solid

Date Received: 05/09/14 08:00

Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	130613	05/14/14 20:07	KLC	TAL CAN
Total/NA	Prep	3060A			130601	05/14/14 09:42	JMB	TAL CAN
Total/NA	Analysis	7196A		1	131224	05/16/14 16:17	JMB	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: RT-5-2014-S

Lab Sample ID: 240-37135-1

Date Collected: 05/08/14 09:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			130133	05/10/14 11:31	CSC	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 15:42	TMH	TAL CAN
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 19:04	KLC	TAL CAN

## Client Sample ID: RT-4-2014-S

Lab Sample ID: 240-37135-2

Date Collected: 05/08/14 10:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			130133	05/10/14 11:31	CSC	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 16:52	TMH	TAL CAN
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 19:51	KLC	TAL CAN

## Client Sample ID: RT-2-2014-S

Lab Sample ID: 240-37135-3

Date Collected: 05/08/14 10:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			130175	05/12/14 07:45	SDE	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 15:19	TMH	TAL CAN
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 19:55	KLC	TAL CAN

## Client Sample ID: RT-1-2014-S

Lab Sample ID: 240-37135-4

Date Collected: 05/08/14 11:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 19:59	KLC	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: FD-02-2014-S

Lab Sample ID: 240-37135-5

Date Collected: 05/08/14 09:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			130175	05/12/14 07:45	SDE	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 14:55	TMH	TAL CAN
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130983	05/16/14 14:27	KLC	TAL CAN

## Client Sample ID: SW-17-2014-S

Lab Sample ID: 240-37135-6

Date Collected: 05/08/14 13:10

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:15	KLC	TAL CAN

## Client Sample ID: SW-9-2014-S

Lab Sample ID: 240-37135-7

Date Collected: 05/08/14 13:50

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:19	KLC	TAL CAN

## Client Sample ID: SW-19-2014-S

Lab Sample ID: 240-37135-8

Date Collected: 05/08/14 15:15

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:23	KLC	TAL CAN

## Client Sample ID: SW-12-2014-S

Lab Sample ID: 240-37135-9

Date Collected: 05/08/14 15:40

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 19:31	KLC	TAL CAN

## Client Sample ID: SW-22-2014-S

Lab Sample ID: 240-37135-10

Date Collected: 05/08/14 16:05

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: SW-22-2014-S

Lab Sample ID: 240-37135-10

Date Collected: 05/08/14 16:05

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:27	KLC	TAL CAN

## Client Sample ID: FD-03-SW-2014-S

Lab Sample ID: 240-37135-11

Date Collected: 05/08/14 12:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:31	KLC	TAL CAN

## Client Sample ID: EB-301-GW

Lab Sample ID: 240-37135-12

Date Collected: 05/08/14 11:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			130175	05/12/14 07:45	SDE	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 14:32	TMH	TAL CAN
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:35	KLC	TAL CAN

## Client Sample ID: EB-302-SW

Lab Sample ID: 240-37135-13

Date Collected: 05/08/14 16:20

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:39	KLC	TAL CAN

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37135-14

Date Collected: 05/08/14 16:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			130639	05/14/14 10:52	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:43	KLC	TAL CAN

## Client Sample ID: RT-5-2014-S

Lab Sample ID: 240-37154-1

Date Collected: 05/08/14 09:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		6.67	131072	05/17/14 19:35	LEE	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: RT-4-2014-S

Date Collected: 05/08/14 10:00

Date Received: 05/09/14 10:00

## Lab Sample ID: 240-37154-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		100	131072	05/17/14 17:15	LEE	TAL CAN

## Client Sample ID: RT-2-2014-S

Date Collected: 05/08/14 10:30

Date Received: 05/09/14 10:00

## Lab Sample ID: 240-37154-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		500	131131	05/19/14 20:10	LEE	TAL CAN

## Client Sample ID: RT-1-2014-S

Date Collected: 05/08/14 11:00

Date Received: 05/09/14 10:00

## Lab Sample ID: 240-37154-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	131072	05/17/14 18:02	LEE	TAL CAN

## Client Sample ID: FD-02-2014-S

Date Collected: 05/08/14 09:00

Date Received: 05/09/14 10:00

## Lab Sample ID: 240-37154-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		500	131333	05/20/14 12:08	LEE	TAL CAN

## Client Sample ID: EB-301-GW

Date Collected: 05/08/14 11:30

Date Received: 05/09/14 10:00

## Lab Sample ID: 240-37154-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131072	05/17/14 18:49	LEE	TAL CAN

## Client Sample ID: SW-17-2014-S

Date Collected: 05/08/14 13:10

Date Received: 05/09/14 10:00

## Lab Sample ID: 240-37154-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131072	05/17/14 19:11	LEE	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: SW-9-2014-S**

**Lab Sample ID: 240-37154-8**

Date Collected: 05/08/14 13:50

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131072	05/17/14 20:45	LEE	TAL CAN

**Client Sample ID: SW-19-2014-S**

**Lab Sample ID: 240-37154-9**

Date Collected: 05/08/14 15:15

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	131072	05/17/14 21:09	LEE	TAL CAN

**Client Sample ID: SW-12-2014-S**

**Lab Sample ID: 240-37154-10**

Date Collected: 05/08/14 15:40

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131196	05/19/14 14:27	RJQ	TAL CAN

**Client Sample ID: SW-22-2014-S**

**Lab Sample ID: 240-37154-11**

Date Collected: 05/08/14 16:05

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131072	05/17/14 21:32	LEE	TAL CAN

**Client Sample ID: FD-03-SW-2014-S**

**Lab Sample ID: 240-37154-12**

Date Collected: 05/08/14 12:00

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.67	131072	05/17/14 21:56	LEE	TAL CAN

**Client Sample ID: EB-302-SW**

**Lab Sample ID: 240-37154-14**

Date Collected: 05/08/14 16:20

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131196	05/19/14 15:12	RJQ	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: SD-17-2014-S

Lab Sample ID: 240-37154-15

Date Collected: 05/08/14 13:15

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130840	05/15/14 12:14	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130825	05/15/14 16:13	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: SD-9-2014-S

Lab Sample ID: 240-37154-16

Date Collected: 05/08/14 14:00

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130840	05/15/14 12:14	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130825	05/15/14 16:39	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: SD-4-2014-S

Lab Sample ID: 240-37154-17

Date Collected: 05/08/14 15:20

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130840	05/15/14 12:14	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130825	05/15/14 17:04	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: SD-12-2014-S

Lab Sample ID: 240-37154-18

Date Collected: 05/08/14 15:45

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 74.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130998	05/16/14 12:20	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130966	05/16/14 15:45	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: SD-7-2014-S

Lab Sample ID: 240-37154-19

Date Collected: 05/08/14 16:10

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130840	05/15/14 12:14	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130825	05/15/14 18:44	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: FD-04-SD-2014-S

Lab Sample ID: 240-37154-20

Date Collected: 05/08/14 12:15

Matrix: Solid

Date Received: 05/09/14 10:00

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			130840	05/15/14 12:14	SAM	TAL CAN
Total/NA	Analysis	8260A		1	130825	05/15/14 19:10	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	130212	05/12/14 10:06	NJE	TAL CAN

## Client Sample ID: EB-303-SD

Lab Sample ID: 240-37154-21

Date Collected: 05/08/14 16:30

Matrix: Water

Date Received: 05/09/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131196	05/19/14 15:34	RJQ	TAL CAN

## Client Sample ID: MW-11-2014-S

Lab Sample ID: 240-37219-1

Date Collected: 05/09/14 09:10

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131365	05/20/14 13:36	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:19	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:18	WAL	TAL CAN

## Client Sample ID: MW-7-2014-S

Lab Sample ID: 240-37219-2

Date Collected: 05/09/14 10:20

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131365	05/20/14 19:57	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:22	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:30	WAL	TAL CAN

## Client Sample ID: MW-25-2014-S

Lab Sample ID: 240-37219-3

Date Collected: 05/09/14 12:20

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1250	131365	05/20/14 22:35	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:26	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:10	WAL	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-53-2014-S

Lab Sample ID: 240-37219-4

Date Collected: 05/09/14 15:00

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	131365	05/20/14 14:21	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:30	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:15	WAL	TAL CAN

## Client Sample ID: EB-401-2014-S

Lab Sample ID: 240-37219-5

Date Collected: 05/09/14 15:50

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131365	05/20/14 20:20	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:34	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:17	WAL	TAL CAN

## Client Sample ID: MW-5-2014-S

Lab Sample ID: 240-37219-6

Date Collected: 05/09/14 17:10

Matrix: Water

Date Received: 05/10/14 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		250	131365	05/20/14 14:43	RJQ	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 20:59	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130135	05/10/14 12:01	WAL	TAL CAN

## Client Sample ID: MW-8-2014-S

Lab Sample ID: 240-37266-1

Date Collected: 05/12/14 09:40

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2.5	131079	05/17/14 21:16	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:46	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:00	BLW	TAL CAN

## Client Sample ID: MW-23-2014-S

Lab Sample ID: 240-37266-2

Date Collected: 05/12/14 10:20

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		16.67	131079	05/17/14 21:39	LRW	TAL CAN
Total/NA	Prep	3510C			130584	05/14/14 08:59	SDE	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-23-2014-S

Lab Sample ID: 240-37266-2

Date Collected: 05/12/14 10:20

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8270C		1	131455	05/21/14 17:39	TMH	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:50	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:03	BLW	TAL CAN

## Client Sample ID: MW-13-2014-S

Lab Sample ID: 240-37266-3

Date Collected: 05/12/14 10:55

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2.5	131079	05/17/14 22:02	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:54	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:04	BLW	TAL CAN

## Client Sample ID: MW-16-2014-S

Lab Sample ID: 240-37266-4

Date Collected: 05/12/14 11:30

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		25	131079	05/17/14 22:24	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 21:58	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:05	BLW	TAL CAN

## Client Sample ID: EB-501-2014-S

Lab Sample ID: 240-37266-5

Date Collected: 05/12/14 12:00

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131079	05/17/14 22:47	LRW	TAL CAN
Total/NA	Prep	3510C			130584	05/14/14 08:59	SDE	TAL CAN
Total/NA	Analysis	8270C		1	131455	05/21/14 17:15	TMH	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 22:02	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:06	BLW	TAL CAN

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Client Sample ID: MW-54-2014-S

Lab Sample ID: 240-37266-6

Date Collected: 05/12/14 12:40

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	131079	05/17/14 17:31	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 22:07	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:07	BLW	TAL CAN

## Client Sample ID: MW-10-2014-S

Lab Sample ID: 240-37266-7

Date Collected: 05/12/14 14:00

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	131184	05/19/14 14:30	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 22:11	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:10	BLW	TAL CAN

## Client Sample ID: MW-9-2014-S

Lab Sample ID: 240-37266-8

Date Collected: 05/12/14 16:10

Matrix: Water

Date Received: 05/13/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131080	05/17/14 20:01	LRW	TAL CAN
Total Recoverable	Prep	3005A			130620	05/14/14 10:23	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	130788	05/15/14 22:15	KLC	TAL CAN
Total/NA	Analysis	7196A		1	130423	05/13/14 10:11	BLW	TAL CAN

## Client Sample ID: EB-601-051514

Lab Sample ID: 240-37489-1

Date Collected: 05/15/14 07:30

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 17:54	LEE	TAL CAN

## Client Sample ID: FD-601-051514

Lab Sample ID: 240-37489-2

Date Collected: 05/15/14 07:15

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		66.67	131760	05/23/14 06:11	RJQ	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-101-051514**

**Lab Sample ID: 240-37489-3**

Date Collected: 05/15/14 07:45

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		66.67	131760	05/23/14 06:33	RJQ	TAL CAN

**Client Sample ID: VP-103-051514**

**Lab Sample ID: 240-37489-4**

Date Collected: 05/15/14 08:00

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	132099	05/27/14 18:16	LEE	TAL CAN

**Client Sample ID: VP-108-051514**

**Lab Sample ID: 240-37489-5**

Date Collected: 05/15/14 08:15

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 18:38	LEE	TAL CAN

**Client Sample ID: VP-107-051514**

**Lab Sample ID: 240-37489-6**

Date Collected: 05/15/14 08:20

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 19:01	LEE	TAL CAN

**Client Sample ID: VP-110-051514**

**Lab Sample ID: 240-37489-7**

Date Collected: 05/15/14 08:25

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 19:23	LEE	TAL CAN

**Client Sample ID: VP-106-051514**

**Lab Sample ID: 240-37489-8**

Date Collected: 05/15/14 08:35

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 19:46	LEE	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-112-051514**

**Lab Sample ID: 240-37489-9**

Date Collected: 05/15/14 08:45

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132099	05/27/14 20:08	LEE	TAL CAN

**Client Sample ID: VP-114-051514**

**Lab Sample ID: 240-37489-10**

Date Collected: 05/15/14 08:50

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	131983	05/24/14 22:03	LRW	TAL CAN

**Client Sample ID: MW-48-2014-SR**

**Lab Sample ID: 240-37489-11**

Date Collected: 05/15/14 10:15

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		133.33	131939	05/24/14 01:57	RJQ	TAL CAN

**Client Sample ID: MW-47-2014-SR**

**Lab Sample ID: 240-37489-12**

Date Collected: 05/15/14 10:45

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.43	132099	05/27/14 20:31	LEE	TAL CAN

**Client Sample ID: TRIP BLANKS**

**Lab Sample ID: 240-37489-13**

Date Collected: 05/15/14 00:00

Matrix: Water

Date Received: 05/17/14 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	132266	05/28/14 18:45	LEE	TAL CAN

**Client Sample ID: VP-3-051114**

**Lab Sample ID: 240-37510-1**

Date Collected: 05/11/14 18:48

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1.61	1246	05/23/14 07:36	HMT	TAL KNX

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-11-051114**

**Lab Sample ID: 240-37510-2**

Date Collected: 05/11/14 19:00

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1.82	1254	05/23/14 16:21	AFB	TAL KNX

**Client Sample ID: VP-107-051414**

**Lab Sample ID: 240-37510-3**

Date Collected: 05/11/14 13:46

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	1246	05/22/14 17:14	HMT	TAL KNX

**Client Sample ID: VP-110-051414**

**Lab Sample ID: 240-37510-4**

Date Collected: 05/14/14 12:25

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	1254	05/23/14 17:11	AFB	TAL KNX

**Client Sample ID: VP-106-051414**

**Lab Sample ID: 240-37510-5**

Date Collected: 05/14/14 13:56

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	1254	05/23/14 17:59	AFB	TAL KNX

**Client Sample ID: VP-108-051414**

**Lab Sample ID: 240-37510-6**

Date Collected: 05/14/14 13:04

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	1254	05/23/14 22:10	AFB	TAL KNX

**Client Sample ID: FD-101-051414**

**Lab Sample ID: 240-37510-7**

Date Collected: 05/14/14 13:00

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	1254	05/23/14 23:47	AFB	TAL KNX

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

**Client Sample ID: VP-114-051414**

**Lab Sample ID: 240-37510-8**

Date Collected: 05/14/14 14:30

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	1254	05/24/14 00:37	AFB	TAL KNX

**Client Sample ID: AB-101-051414**

**Lab Sample ID: 240-37510-9**

Date Collected: 05/14/14 14:11

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	1254	05/24/14 01:27	AFB	TAL KNX

**Client Sample ID: TB-101-051414**

**Lab Sample ID: 240-37510-10**

Date Collected: 05/14/14 00:00

Matrix: Air

Date Received: 05/19/14 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	1254	05/24/14 02:16	AFB	TAL KNX

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TAL KNX = TestAmerica Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

# Certification Summary

Client: T&M Associates  
 Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-14 *
Georgia	State Program	4	N/A	06-30-14 *
Illinois	NELAP	5	200004	07-31-14 *
Kansas	NELAP	7	E-10336	01-31-15
Kentucky (UST)	State Program	4	58	06-30-14 *
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-14 *
New Jersey	NELAP	2	OH001	06-30-14 *
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14
Texas	NELAP	6		08-31-14
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-14

## Laboratory: TestAmerica Knoxville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		N/A	
Arkansas DEQ	State Program	6	88-0688	06-17-14 *
California	State Program	9	2423	06-30-14
Colorado	State Program	8	N/A	02-28-15
Connecticut	State Program	1	PH-0223	09-30-15
Florida	NELAP	4	E87177	06-30-14
Georgia	State Program	4	906	06-13-14 *
Hawaii	State Program	9	N/A	04-13-15
Iowa	State Program	7	375	08-01-14
Kansas	NELAP	7	E-10349	10-31-14
Kentucky (DW)	State Program	4	90101	12-31-14
L-A-B	DoD ELAP		L2311	02-13-16
Louisiana	NELAP	6	LA110001	12-31-14
Maryland	State Program	3	277	03-31-15
Michigan	State Program	5	9933	04-13-14 *
Nevada	State Program	9	TN00009	07-31-14
New Jersey	NELAP	2	TN001	06-30-14
New York	NELAP	2	10781	03-31-15
North Carolina DENR	State Program	4	64	12-31-14
North Carolina DHHS	State Program	4	21705	07-31-14
Ohio VAP	State Program	5	CL0059	03-26-15
Oklahoma	State Program	6	9415	08-31-14
Pennsylvania	NELAP	3	68-00576	12-31-14
South Carolina	State Program	4	84001	06-30-14
Tennessee	State Program	4	2014	04-13-17

\* Expired certification is currently pending renewal and is considered valid.

TestAmerica Canton

# Certification Summary

Client: T&M Associates  
Project/Site: MERT-00070 Grenada

TestAmerica Job ID: 240-36960-1

## Laboratory: TestAmerica Knoxville (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Texas	NELAP	6	T104704380-TX	08-31-14
USDA	Federal		P330-13-00260	08-29-16
Utah	NELAP	8	QUAN3	07-31-14
Virginia	NELAP	3	460176	09-14-14
Virginia	State Program	3	165	06-30-14
Washington	State Program	10	C593	01-19-15
West Virginia DEP	State Program	3	345	04-30-15
West Virginia DHHR	State Program	3	9955C	12-31-14
Wisconsin	State Program	5	998044300	08-31-14



## Login Sample Receipt Checklist

Client: T&M Associates

Job Number: 240-37510-1

**Login Number: 37510**

**List Source: TestAmerica Canton**

**List Number: 1**

**Creator: Dameron, Bryan K**

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	N/A	checked in lab
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

## Login Sample Receipt Checklist

Client: T&M Associates

Job Number: 240-37510-1

**Login Number: 37510**

**List Number: 2**

**Creator: Dameron, Bryan K**

**List Source: TestAmerica Knoxville**

**List Creation: 05/20/14 11:33 AM**

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	N/A	Checked in lab
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

FORM I  
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-1246-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 10809 Lab Sample ID: 140-1246-11  
 Matrix: Air Lab File ID: LOT1246.D  
 Analysis Method: TO 15 LL Date Collected: 04/22/2014 11:25  
 Sample wt/vol: 500(mL) Date Analyzed: 04/23/2014 09:48  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-5 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 1119 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL
71-43-2	Benzene	ND		0.080
100-44-7	Benzyl chloride	ND		0.16
74-83-9	Bromomethane	ND		0.080
56-23-5	Carbon tetrachloride	ND		0.040
108-90-7	Chlorobenzene	ND		0.080
75-00-3	Chloroethane	ND		0.080
87-61-6	1,2,3-Trichlorobenzene	ND		0.40
67-66-3	Chloroform	ND		0.080
96-18-4	1,2,3-Trichloropropane	ND		0.20
74-87-3	Chloromethane	ND		0.20
95-50-1	1,2-Dichlorobenzene	ND		0.080
541-73-1	1,3-Dichlorobenzene	ND		0.080
106-46-7	1,4-Dichlorobenzene	ND		0.080
75-71-8	Dichlorodifluoromethane	ND		0.080
75-34-3	1,1-Dichloroethane	ND		0.080
107-06-2	1,2-Dichloroethane	ND		0.080
75-35-4	1,1-Dichloroethene	ND		0.080
156-59-2	cis-1,2-Dichloroethene	ND		0.080
78-87-5	1,2-Dichloropropane	ND		0.080
123-91-1	1,4-Dioxane	ND		0.20
78-93-3	2-Butanone	ND		0.32
10061-01-5	cis-1,3-Dichloropropene	ND		0.080
95-49-8	2-Chlorotoluene	ND		0.16
10061-02-6	trans-1,3-Dichloropropene	ND		0.080
76-14-2	1,2-Dichlorotetrafluoroethane	ND		0.080
591-78-6	2-Hexanone	ND		0.20
107-05-1	3-Chloroprene	ND		0.080
100-41-4	Ethylbenzene	ND		0.080
622-96-8	4-Ethyltoluene	ND		0.16
75-69-4	Trichlorofluoromethane	ND		0.080
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		0.20
87-68-3	Hexachlorobutadiene	ND		0.080
67-64-1	Acetone	ND		2.0
75-09-2	Methylene Chloride	ND		0.20
75-05-8	Acetonitrile	ND		0.40
100-42-5	Styrene	ND		0.080

FORM I  
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-1246-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 10809 Lab Sample ID: 140-1246-11  
 Matrix: Air Lab File ID: LOT1246.D  
 Analysis Method: TO 15 LL Date Collected: 04/22/2014 11:25  
 Sample wt/vol: 500(mL) Date Analyzed: 04/23/2014 09:48  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-5 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 1119 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.080	
107-02-8	Acrolein	ND		0.16	
107-13-1	Acrylonitrile	ND		0.80	
127-18-4	Tetrachloroethene	ND		0.040	
98-83-9	Alpha Methyl Styrene	ND		0.16	
108-88-3	Toluene	ND		0.12	
120-82-1	1,2,4-Trichlorobenzene	ND		0.080	
71-55-6	1,1,1-Trichloroethane	ND		0.080	
75-27-4	Bromodichloromethane	ND		0.080	
79-00-5	1,1,2-Trichloroethane	ND		0.080	
75-25-2	Bromoform	ND		0.080	
79-01-6	Trichloroethene	ND		0.040	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		0.080	
95-63-6	1,2,4-Trimethylbenzene	ND		0.080	
106-97-8	Butane	ND		0.16	
108-67-8	1,3,5-Trimethylbenzene	ND		0.080	
75-15-0	Carbon disulfide	ND		0.20	
75-01-4	Vinyl chloride	ND		0.040	
95-47-6	o-Xylene	ND		0.080	
75-45-6	Chlorodifluoromethane	ND		0.080	
179601-23-1	m-Xylene & p-Xylene	ND		0.080	
106-93-4	1,2-Dibromoethane	ND		0.080	
110-82-7	Cyclohexane	ND		0.20	
124-18-5	n-Decane	ND		0.40	
124-48-1	Dibromochloromethane	ND		0.080	
74-95-3	Dibromomethane	ND		0.16	
112-40-3	n-Dodecane	ND		0.40	
64-17-5	Ethanol	ND		0.80	
141-78-6	Ethyl acetate	ND		0.80	
60-29-7	Ethyl ether	ND		0.80	
142-82-5	n-Heptane	ND		0.20	
110-54-3	Hexane	ND		0.20	
67-63-0	Isopropyl alcohol	ND		0.80	
80-62-6	Methyl methacrylate	ND	*	0.20	
1634-04-4	Methyl tert-butyl ether	ND		0.16	
91-20-3	Naphthalene	ND		0.20	

FORM I  
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-1246-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 10809 Lab Sample ID: 140-1246-11  
 Matrix: Air Lab File ID: LOT1246.D  
 Analysis Method: TO 15 LL Date Collected: 04/22/2014 11:25  
 Sample wt/vol: 500(mL) Date Analyzed: 04/23/2014 09:48  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-5 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 1119 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
104-51-8	n-Butylbenzene	ND		0.16	
103-65-1	N-Propylbenzene	ND		0.16	
111-65-9	n-Octane	ND		0.16	
109-66-0	Pentane	ND		0.40	
115-07-1	Propene	ND		0.20	
135-98-8	sec-Butylbenzene	ND		0.16	
98-06-6	tert-Butylbenzene	ND		0.20	
109-99-9	Tetrahydrofuran	ND		0.40	
156-60-5	trans-1,2-Dichloroethene	ND		0.080	
1120-21-4	Undecane	ND		0.40	
108-05-4	Vinyl acetate	ND		0.40	
593-60-2	Vinyl bromide	ND		0.080	
488-23-3	1,2,3,4-Tetramethylbenzene	ND		0.080	
527-53-7	1,2,3,5-Tetramethylbenzene	ND		0.080	
95-93-2	1,2,4,5-Tetramethylbenzene	ND		0.080	
934-80-5	1,2-Dimethyl-4-Ethylbenzene	ND		0.080	
90-12-0	1-Methylnaphthalene	ND		1.0	
3074-71-3	2,3-Dimethylheptane	ND		0.080	
872-55-9	2-Ethylthiophene	ND		0.080	
554-14-3	2-Methylthiophene	ND		0.080	
91-57-6	2-Methylnaphthalene	ND		1.0	
616-44-4	3-Methylthiophene	ND		0.080	
95-15-8	Benzo(b)thiophene	ND		0.16	
110-02-1	Thiophene	ND		0.080	
1678-93-9	Butylcyclohexane	ND		0.080	
526-73-8	1,2,3-Trimethylbenzene	ND		0.080	
106-99-0	1,3-Butadine	ND		0.16	
540-84-1	2,2,4-Trimethylpentane	ND		0.20	
71-36-3	1-Butanol	ND	*	0.80	
565-59-3	2,3-Dimethylpentane	ND		0.080	
78-78-4	2-Methylbutane	ND		0.20	
107-83-5	2-Methylpentane	ND		0.080	
75-07-0	Acetaldehyde	ND		4.0	
98-82-8	Cumene	ND		0.16	
496-11-7	Indane	ND		0.080	
95-13-6	Indene	ND		0.16	

FORM I  
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-1246-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 10809 Lab Sample ID: 140-1246-11  
 Matrix: Air Lab File ID: LOT1246.D  
 Analysis Method: TO 15 LL Date Collected: 04/22/2014 11:25  
 Sample wt/vol: 500 (mL) Date Analyzed: 04/23/2014 09:48  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-5 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 1119 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
99-87-6	p-Cymene	ND		0.080	
75-65-0	tert-Butanol	ND		0.32	
108-87-2	Methylcyclohexane	ND		0.080	
111-84-2	n-Nonane	ND		0.20	



TestAmerica Knoxville  
Target Compound Quantitation Report

Data File: \\KNXCHROM\ChromData\MJ\20140421-614.b\LOT1246.D  
 Lims ID: 140-1246-A-11 Lab Sample ID: 140-1246-11  
 Client ID: 10809  
 Sample Type: Client  
 Inject. Date: 23-Apr-2014 09:48:30 ALS Bottle#: 9 Worklist Smp#: 19  
 Purge Vol: 500.000 mL Dil. Factor: 1.0000  
 Sample Info: 10809  
 Misc. Info.: J042214,TO15,,140-0000614-019  
 Operator ID: 403648 Instrument ID: MJ  
 Method: \\KNXCHROM\ChromData\MJ\20140421-614.b\MJ\_TO15.m  
 Limit Group: MSA TO14A\_15 Routine ICAL  
 Last Update: 23-Apr-2014 10:23:03 Calib Date: 11-Mar-2014 19:57:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\KNXCHROM\ChromData\MJ\20140311-516.b\JICC119.D  
 Column 1 : RTX-5 ( 0.32 mm) Det: MS SCAN  
 Process Host: XAWRK033

First Level Reviewer: tajh Date: 23-Apr-2014 10:23:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.329	9.344	-0.015	95	298876	4.00	
* 2 1,4-Difluorobenzene	114	11.486	11.496	-0.010	95	1460158	4.00	
* 3 Chlorobenzene-d5 (IS)	117	16.161	16.166	-0.005	90	1145903	4.00	
\$ 5 4-Bromofluorobenzene (Surr	95	17.780	17.785	-0.005	87	790578	3.90	
7 Propene	41	3.971	3.970	0.001	82	3368	0.0368	
13 Butane	43	4.514	4.508	0.006	75	5260	0.0334	
31 Methylene Chloride	84	6.720	6.730	-0.010	79	5753	0.0720	
65 Toluene	91	14.208	14.218	-0.010	77	15634	0.0735	

TestAmerica Knoxville

Data File: \\KNXCHROM\ChromData\MJ\20140421-614.b\LOT1246.D

Injection Date: 23-Apr-2014 09:48:30

Instrument ID: MJ

Operator ID: 403648

Lims ID: 140-1246-A-11

Lab Sample ID: 140-1246-11

Worklist Smp#: 19

Client ID: 10809

Purge Vol: 500.000 mL

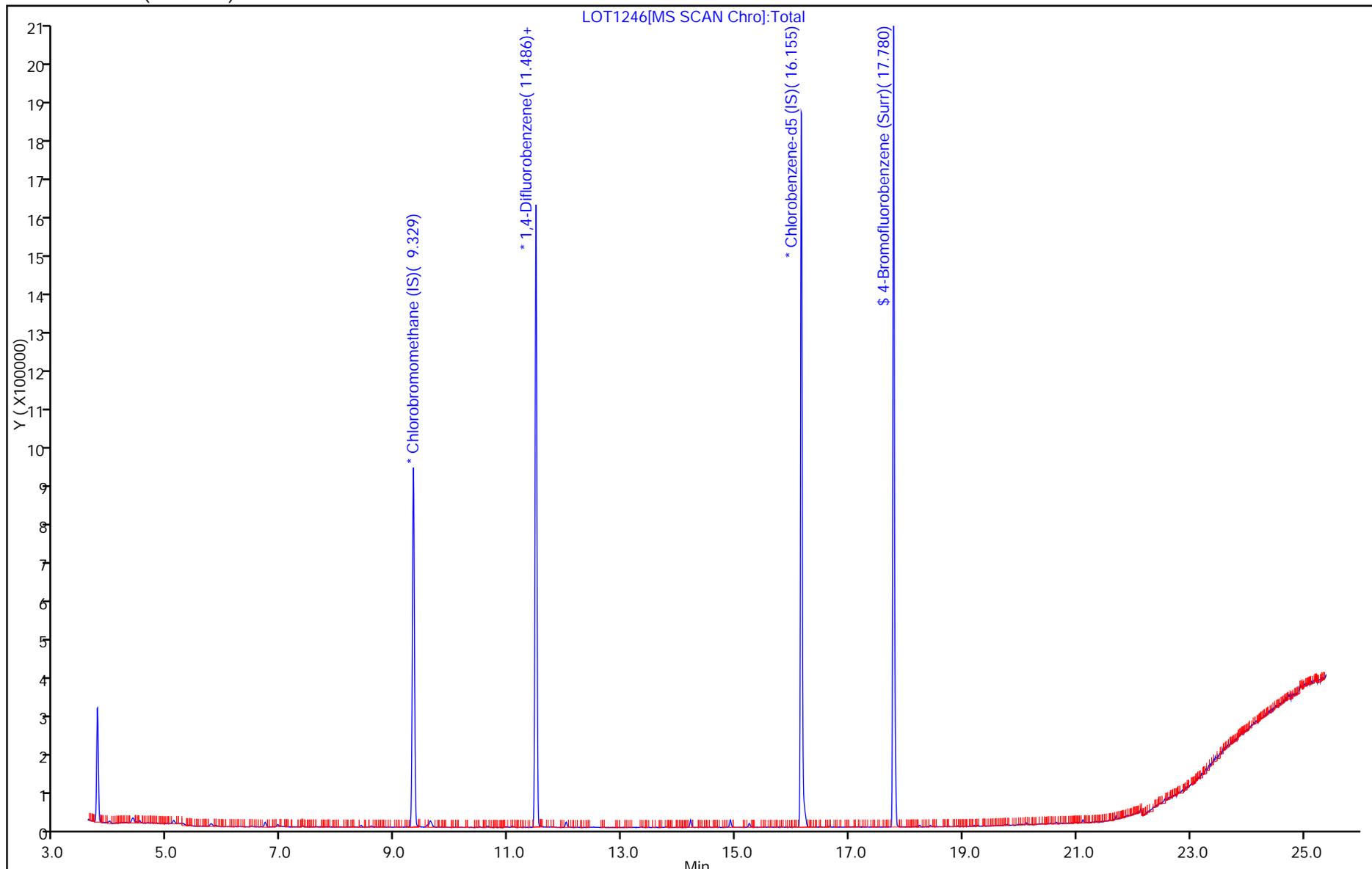
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: MJ\_TO15

Limit Group: MSA TO14A\_15 Routine ICAL

Column: RTX-5 (0.32 mm)



FORM I  
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-1249-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 09603 Lab Sample ID: 140-1249-8  
 Matrix: Air Lab File ID: 140-124-a-8.D  
 Analysis Method: TO 15 LL Date Collected: 04/23/2014 09:10  
 Sample wt/vol: 500(mL) Date Analyzed: 04/24/2014 11:04  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-5 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 1130 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL
71-43-2	Benzene	ND		0.080
100-44-7	Benzyl chloride	ND		0.16
74-83-9	Bromomethane	ND		0.080
56-23-5	Carbon tetrachloride	ND		0.040
108-90-7	Chlorobenzene	ND		0.080
75-00-3	Chloroethane	ND		0.080
87-61-6	1,2,3-Trichlorobenzene	ND		0.40
67-66-3	Chloroform	ND		0.080
96-18-4	1,2,3-Trichloropropane	ND		0.20
74-87-3	Chloromethane	ND		0.20
95-50-1	1,2-Dichlorobenzene	ND		0.080
541-73-1	1,3-Dichlorobenzene	ND		0.080
106-46-7	1,4-Dichlorobenzene	ND		0.080
75-71-8	Dichlorodifluoromethane	ND		0.080
75-34-3	1,1-Dichloroethane	ND		0.080
107-06-2	1,2-Dichloroethane	ND		0.080
75-35-4	1,1-Dichloroethene	ND		0.080
156-59-2	cis-1,2-Dichloroethene	ND		0.080
78-87-5	1,2-Dichloropropane	ND		0.080
123-91-1	1,4-Dioxane	ND		0.20
78-93-3	2-Butanone	ND		0.32
10061-01-5	cis-1,3-Dichloropropene	ND		0.080
95-49-8	2-Chlorotoluene	ND		0.16
10061-02-6	trans-1,3-Dichloropropene	ND		0.080
76-14-2	1,2-Dichlorotetrafluoroethane	ND		0.080
591-78-6	2-Hexanone	ND		0.20
107-05-1	3-Chloroprene	ND		0.080
100-41-4	Ethylbenzene	ND		0.080
622-96-8	4-Ethyltoluene	ND		0.16
75-69-4	Trichlorofluoromethane	ND		0.080
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		0.20
87-68-3	Hexachlorobutadiene	ND		0.080
67-64-1	Acetone	ND		2.0
75-09-2	Methylene Chloride	ND		0.20
75-05-8	Acetonitrile	ND		0.40
100-42-5	Styrene	ND		0.080

FORM I  
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-1249-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 09603 Lab Sample ID: 140-1249-8  
 Matrix: Air Lab File ID: 140-124-a-8.D  
 Analysis Method: TO 15 LL Date Collected: 04/23/2014 09:10  
 Sample wt/vol: 500(mL) Date Analyzed: 04/24/2014 11:04  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-5 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 1130 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.080
107-02-8	Acrolein	ND		0.16
107-13-1	Acrylonitrile	ND		0.80
127-18-4	Tetrachloroethene	ND		0.040
98-83-9	Alpha Methyl Styrene	ND		0.16
108-88-3	Toluene	ND		0.12
120-82-1	1,2,4-Trichlorobenzene	ND		0.080
71-55-6	1,1,1-Trichloroethane	ND		0.080
75-27-4	Bromodichloromethane	ND		0.080
79-00-5	1,1,2-Trichloroethane	ND		0.080
75-25-2	Bromoform	ND		0.080
79-01-6	Trichloroethene	ND		0.040
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		0.080
95-63-6	1,2,4-Trimethylbenzene	ND		0.080
106-97-8	Butane	ND		0.16
108-67-8	1,3,5-Trimethylbenzene	ND		0.080
75-15-0	Carbon disulfide	ND		0.20
75-01-4	Vinyl chloride	ND		0.040
95-47-6	o-Xylene	ND		0.080
75-45-6	Chlorodifluoromethane	ND		0.080
179601-23-1	m-Xylene & p-Xylene	ND		0.080
106-93-4	1,2-Dibromoethane	ND		0.080
110-82-7	Cyclohexane	ND		0.20
124-18-5	n-Decane	ND		0.40
124-48-1	Dibromochloromethane	ND		0.080
74-95-3	Dibromomethane	ND		0.16
112-40-3	n-Dodecane	ND		0.40
64-17-5	Ethanol	ND		0.80
141-78-6	Ethyl acetate	ND		0.80
60-29-7	Ethyl ether	ND		0.80
142-82-5	n-Heptane	ND		0.20
110-54-3	Hexane	ND		0.20
67-63-0	Isopropyl alcohol	ND		0.80
80-62-6	Methyl methacrylate	ND		0.20
1634-04-4	Methyl tert-butyl ether	ND		0.16
91-20-3	Naphthalene	ND		0.20

FORM I  
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-1249-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 09603 Lab Sample ID: 140-1249-8  
 Matrix: Air Lab File ID: 140-124-a-8.D  
 Analysis Method: TO 15 LL Date Collected: 04/23/2014 09:10  
 Sample wt/vol: 500(mL) Date Analyzed: 04/24/2014 11:04  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-5 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 1130 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL
104-51-8	n-Butylbenzene	ND		0.16
103-65-1	N-Propylbenzene	ND		0.16
111-65-9	n-Octane	ND		0.16
109-66-0	Pentane	ND		0.40
115-07-1	Propene	ND		0.20
135-98-8	sec-Butylbenzene	ND		0.16
98-06-6	tert-Butylbenzene	ND		0.20
109-99-9	Tetrahydrofuran	ND		0.40
156-60-5	trans-1,2-Dichloroethene	ND		0.080
1120-21-4	Undecane	ND		0.40
108-05-4	Vinyl acetate	ND		0.40
593-60-2	Vinyl bromide	ND		0.080
488-23-3	1,2,3,4-Tetramethylbenzene	ND		0.080
527-53-7	1,2,3,5-Tetramethylbenzene	ND		0.080
95-93-2	1,2,4,5-Tetramethylbenzene	ND		0.080
934-80-5	1,2-Dimethyl-4-Ethylbenzene	ND		0.080
90-12-0	1-Methylnaphthalene	ND		1.0
3074-71-3	2,3-Dimethylheptane	ND		0.080
872-55-9	2-Ethylthiophene	ND		0.080
554-14-3	2-Methylthiophene	ND		0.080
91-57-6	2-Methylnaphthalene	ND		1.0
616-44-4	3-Methylthiophene	ND		0.080
95-15-8	Benzo(b)thiophene	ND		0.16
110-02-1	Thiophene	ND		0.080
1678-93-9	Butylcyclohexane	ND		0.080
526-73-8	1,2,3-Trimethylbenzene	ND		0.080
106-99-0	1,3-Butadine	ND		0.16
540-84-1	2,2,4-Trimethylpentane	ND		0.20
71-36-3	1-Butanol	ND		0.80
565-59-3	2,3-Dimethylpentane	ND		0.080
78-78-4	2-Methylbutane	ND		0.20
107-83-5	2-Methylpentane	ND		0.080
75-07-0	Acetaldehyde	ND		4.0
98-82-8	Cumene	ND		0.16
496-11-7	Indane	ND		0.080
95-13-6	Indene	ND		0.16

FORM I  
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-1249-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 09603 Lab Sample ID: 140-1249-8  
 Matrix: Air Lab File ID: 140-124-a-8.D  
 Analysis Method: TO 15 LL Date Collected: 04/23/2014 09:10  
 Sample wt/vol: 500 (mL) Date Analyzed: 04/24/2014 11:04  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-5 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 1130 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
99-87-6	p-Cymene	ND		0.080	
75-65-0	tert-Butanol	ND		0.32	
108-87-2	Methylcyclohexane	ND		0.080	
111-84-2	n-Nonane	ND		0.20	



TestAmerica Knoxville  
Target Compound Quantitation Report

Data File: \\KNXCHROM\ChromData\MJ\20140422-618.b\140-124-a-8.D  
 Lims ID: 140-1249-A-8 Lab Sample ID: 140-1249-8  
 Client ID: 09603  
 Sample Type: Client  
 Inject. Date: 24-Apr-2014 11:04:30 ALS Bottle#: 1 Worklist Smp#: 4  
 Purge Vol: 500.000 mL Dil. Factor: 1.0000  
 Sample Info: 09603  
 Misc. Info.: J042414,TO15,,140-0000618-004  
 Operator ID: 7126 Instrument ID: MJ  
 Method: \\KNXCHROM\ChromData\MJ\20140422-618.b\MJ\_TO15.m  
 Limit Group: MSA TO14A\_15 Routine ICAL  
 Last Update: 25-Apr-2014 08:14:34 Calib Date: 11-Mar-2014 19:57:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\KNXCHROM\ChromData\MJ\20140311-516.b\JICC119.D  
 Column 1 : RTX-5 ( 0.32 mm) Det: MS SCAN  
 Process Host: XAWRK024

First Level Reviewer: tajh Date: 24-Apr-2014 11:36:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.333	9.339	-0.006	95	306877	4.00	
* 2 1,4-Difluorobenzene	114	11.490	11.497	-0.007	95	1441558	4.00	
* 3 Chlorobenzene-d5 (IS)	117	16.159	16.166	-0.007	91	1153612	4.00	
\$ 5 4-Bromofluorobenzene (Surr	95	17.784	17.785	-0.001	87	813914	3.99	
13 Butane	43	4.513	4.509	0.004	84	7621	0.0471	
19 2-Methylbutane	43	5.395	5.396	-0.001	78	5691	0.0437	

Data File: \\KNXCHROM\ChromData\MJ\20140422-618.b\140-124-a-8.D

Injection Date: 24-Apr-2014 11:04:30

Instrument ID: MJ

Operator ID: 7126

Lims ID: 140-1249-A-8

Lab Sample ID: 140-1249-8

Worklist Smp#: 4

Client ID: 09603

Purge Vol: 500.000 mL

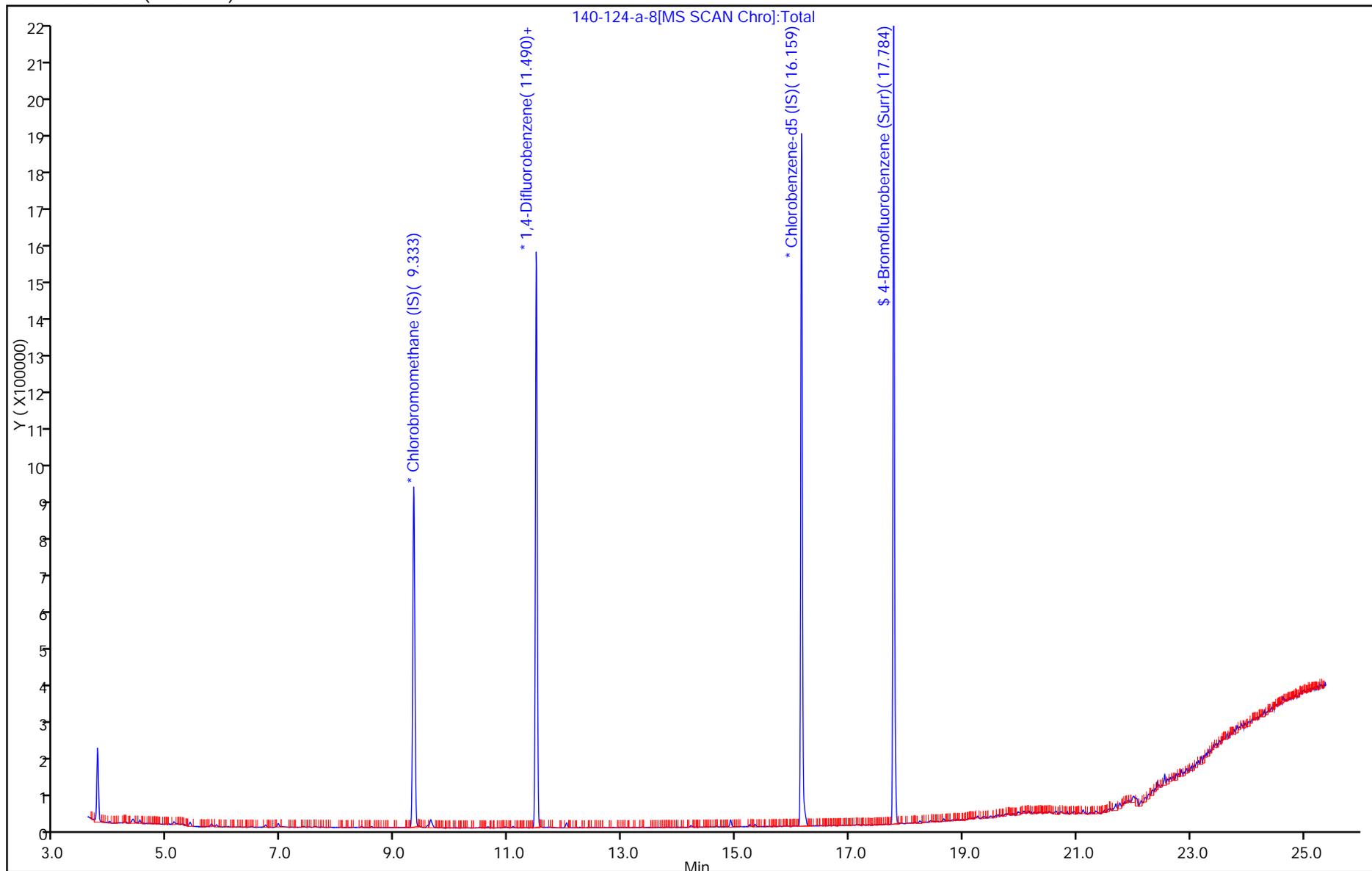
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: MJ\_TO15

Limit Group: MSA TO14A\_15 Routine ICAL

Column: RTX-5 (0.32 mm)



FORM I  
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-1267-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 09545 Lab Sample ID: 140-1267-14  
 Matrix: Air Lab File ID: 140-1267-a-14.D  
 Analysis Method: TO 15 LL Date Collected: 04/25/2014 15:30  
 Sample wt/vol: 500(mL) Date Analyzed: 05/01/2014 14:49  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-5 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 1163 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL
71-43-2	Benzene	ND		0.080
100-44-7	Benzyl chloride	ND		0.16
74-83-9	Bromomethane	ND		0.080
56-23-5	Carbon tetrachloride	ND		0.040
108-90-7	Chlorobenzene	ND		0.080
75-00-3	Chloroethane	ND		0.080
87-61-6	1,2,3-Trichlorobenzene	ND		0.40
67-66-3	Chloroform	ND		0.080
96-18-4	1,2,3-Trichloropropane	ND		0.20
74-87-3	Chloromethane	ND		0.20
95-50-1	1,2-Dichlorobenzene	ND		0.080
541-73-1	1,3-Dichlorobenzene	ND		0.080
106-46-7	1,4-Dichlorobenzene	ND		0.080
75-71-8	Dichlorodifluoromethane	ND		0.080
75-34-3	1,1-Dichloroethane	ND		0.080
107-06-2	1,2-Dichloroethane	ND		0.080
75-35-4	1,1-Dichloroethene	ND		0.080
156-59-2	cis-1,2-Dichloroethene	ND		0.080
78-87-5	1,2-Dichloropropane	ND		0.080
123-91-1	1,4-Dioxane	ND		0.20
78-93-3	2-Butanone	ND		0.32
10061-01-5	cis-1,3-Dichloropropene	ND		0.080
95-49-8	2-Chlorotoluene	ND		0.16
10061-02-6	trans-1,3-Dichloropropene	ND		0.080
76-14-2	1,2-Dichlorotetrafluoroethane	ND		0.080
591-78-6	2-Hexanone	ND		0.20
107-05-1	3-Chloroprene	ND		0.080
100-41-4	Ethylbenzene	ND		0.080
622-96-8	4-Ethyltoluene	ND		0.16
75-69-4	Trichlorofluoromethane	ND		0.080
108-10-1	4-Methyl-2-pentanone (MIBK)	0.27		0.20
87-68-3	Hexachlorobutadiene	ND		0.080
67-64-1	Acetone	ND		2.0
75-09-2	Methylene Chloride	ND		0.20
75-05-8	Acetonitrile	ND		0.40
100-42-5	Styrene	ND		0.080

FORM I  
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-1267-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 09545 Lab Sample ID: 140-1267-14  
 Matrix: Air Lab File ID: 140-1267-a-14.D  
 Analysis Method: TO 15 LL Date Collected: 04/25/2014 15:30  
 Sample wt/vol: 500(mL) Date Analyzed: 05/01/2014 14:49  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-5 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 1163 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.080
107-02-8	Acrolein	ND		0.16
107-13-1	Acrylonitrile	ND		0.80
127-18-4	Tetrachloroethene	ND		0.040
98-83-9	Alpha Methyl Styrene	ND		0.16
108-88-3	Toluene	ND		0.12
120-82-1	1,2,4-Trichlorobenzene	ND		0.080
71-55-6	1,1,1-Trichloroethane	ND		0.080
75-27-4	Bromodichloromethane	ND		0.080
79-00-5	1,1,2-Trichloroethane	ND		0.080
75-25-2	Bromoform	ND		0.080
79-01-6	Trichloroethene	ND		0.040
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		0.080
95-63-6	1,2,4-Trimethylbenzene	ND		0.080
106-97-8	Butane	ND		0.16
108-67-8	1,3,5-Trimethylbenzene	ND		0.080
75-15-0	Carbon disulfide	ND		0.20
75-01-4	Vinyl chloride	ND		0.040
95-47-6	o-Xylene	ND		0.080
75-45-6	Chlorodifluoromethane	ND		0.080
179601-23-1	m-Xylene & p-Xylene	ND		0.080
106-93-4	1,2-Dibromoethane	ND		0.080
110-82-7	Cyclohexane	ND		0.20
124-18-5	n-Decane	ND		0.40
124-48-1	Dibromochloromethane	ND		0.080
74-95-3	Dibromomethane	ND		0.16
112-40-3	n-Dodecane	ND		0.40
64-17-5	Ethanol	0.94		0.80
141-78-6	Ethyl acetate	ND		0.80
60-29-7	Ethyl ether	ND		0.80
142-82-5	n-Heptane	ND		0.20
110-54-3	Hexane	ND		0.20
67-63-0	Isopropyl alcohol	ND		0.80
80-62-6	Methyl methacrylate	ND		0.20
1634-04-4	Methyl tert-butyl ether	ND		0.16
91-20-3	Naphthalene	ND		0.20

FORM I  
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-1267-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 09545 Lab Sample ID: 140-1267-14  
 Matrix: Air Lab File ID: 140-1267-a-14.D  
 Analysis Method: TO 15 LL Date Collected: 04/25/2014 15:30  
 Sample wt/vol: 500(mL) Date Analyzed: 05/01/2014 14:49  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-5 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 1163 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL
104-51-8	n-Butylbenzene	ND		0.16
103-65-1	N-Propylbenzene	ND		0.16
111-65-9	n-Octane	ND		0.16
109-66-0	Pentane	ND		0.40
115-07-1	Propene	ND		0.20
135-98-8	sec-Butylbenzene	ND		0.16
98-06-6	tert-Butylbenzene	ND		0.20
109-99-9	Tetrahydrofuran	ND		0.40
156-60-5	trans-1,2-Dichloroethene	ND		0.080
1120-21-4	Undecane	ND		0.40
108-05-4	Vinyl acetate	ND		0.40
593-60-2	Vinyl bromide	ND		0.080
488-23-3	1,2,3,4-Tetramethylbenzene	ND		0.080
527-53-7	1,2,3,5-Tetramethylbenzene	ND		0.080
95-93-2	1,2,4,5-Tetramethylbenzene	ND		0.080
934-80-5	1,2-Dimethyl-4-Ethylbenzene	ND		0.080
90-12-0	1-Methylnaphthalene	ND		1.0
3074-71-3	2,3-Dimethylheptane	ND		0.080
872-55-9	2-Ethylthiophene	ND		0.080
554-14-3	2-Methylthiophene	ND		0.080
91-57-6	2-Methylnaphthalene	ND		1.0
616-44-4	3-Methylthiophene	ND		0.080
95-15-8	Benzo(b)thiophene	ND		0.16
110-02-1	Thiophene	ND		0.080
1678-93-9	Butylcyclohexane	ND		0.080
526-73-8	1,2,3-Trimethylbenzene	ND		0.080
106-99-0	1,3-Butadine	ND		0.16
540-84-1	2,2,4-Trimethylpentane	ND		0.20
71-36-3	1-Butanol	ND		0.80
565-59-3	2,3-Dimethylpentane	ND		0.080
78-78-4	2-Methylbutane	ND		0.20
107-83-5	2-Methylpentane	ND		0.080
75-07-0	Acetaldehyde	ND		4.0
98-82-8	Cumene	ND		0.16
496-11-7	Indane	ND		0.080
95-13-6	Indene	ND		0.16

FORM I  
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Knoxville Job No.: 140-1267-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: 09545 Lab Sample ID: 140-1267-14  
 Matrix: Air Lab File ID: 140-1267-a-14.D  
 Analysis Method: TO 15 LL Date Collected: 04/25/2014 15:30  
 Sample wt/vol: 500 (mL) Date Analyzed: 05/01/2014 14:49  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: RTX-5 ID: 0.32 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 1163 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
99-87-6	p-Cymene	ND		0.080	
75-65-0	tert-Butanol	ND		0.32	
108-87-2	Methylcyclohexane	ND		0.080	
111-84-2	n-Nonane	ND		0.20	



TestAmerica Knoxville  
Target Compound Quantitation Report

Data File: \\KNXCHROM\ChromData\MJ\20140430-639.b\140-1267-a-14.D  
 Lims ID: 140-1267-A-14 Lab Sample ID: 140-1267-14  
 Client ID: 09545  
 Sample Type: Client  
 Inject. Date: 01-May-2014 14:49:30 ALS Bottle#: 16 Worklist Smp#: 4  
 Purge Vol: 500.000 mL Dil. Factor: 1.0000  
 Sample Info: 09545  
 Misc. Info.: J050114,TO15,,140-0000639-004  
 Operator ID: 7126 Instrument ID: MJ  
 Method: \\KNXCHROM\ChromData\MJ\20140430-639.b\MJ\_TO15.m  
 Limit Group: MSA TO14A\_15 Routine ICAL  
 Last Update: 02-May-2014 08:10:21 Calib Date: 11-Mar-2014 19:57:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\KNXCHROM\ChromData\MJ\20140311-516.b\JICC119.D  
 Column 1 : RTX-5 ( 0.32 mm) Det: MS SCAN  
 Process Host: XAWRK013

First Level Reviewer: tajh

Date: 02-May-2014 08:10:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	9.331	9.335	-0.004	97	283719	4.00	
* 2 1,4-Difluorobenzene	114	11.488	11.492	-0.004	96	1317769	4.00	
* 3 Chlorobenzene-d5 (IS)	117	16.158	16.156	0.002	89	1096508	4.00	
\$ 5 4-Bromofluorobenzene (Surr	95	17.777	17.781	-0.004	86	812039	4.19	
17 Ethanol	31	5.108	5.101	0.007	97	21363	0.9379	
24 Isopropyl alcohol	45	5.845	5.828	0.017	52	5415	0.0508	
33 Carbon disulfide	76	6.900	6.898	0.002	97	22402	0.0839	
44 Tetrahydrofuran	42	9.783	9.755	0.028	83	4398	0.0669	
47 n-Butanol	31	10.929	10.895	0.034	57	1280	0.0444	
62 4-Methyl-2-pentanone (MIBK	43	13.334	13.327	0.007	93	37493	0.2714	
93 1,2,4-Trimethylbenzene	105	18.912	18.910	0.002	84	15789	0.0741	
112 Naphthalene	128	21.489	21.487	0.002	83	9754	0.0565	

Data File: \\KNXCHROM\ChromData\MJ\20140430-639.b\140-1267-a-14.D

Injection Date: 01-May-2014 14:49:30

Instrument ID: MJ

Operator ID: 7126

Lims ID: 140-1267-A-14

Lab Sample ID: 140-1267-14

Worklist Smp#: 4

Client ID: 09545

Purge Vol: 500.000 mL

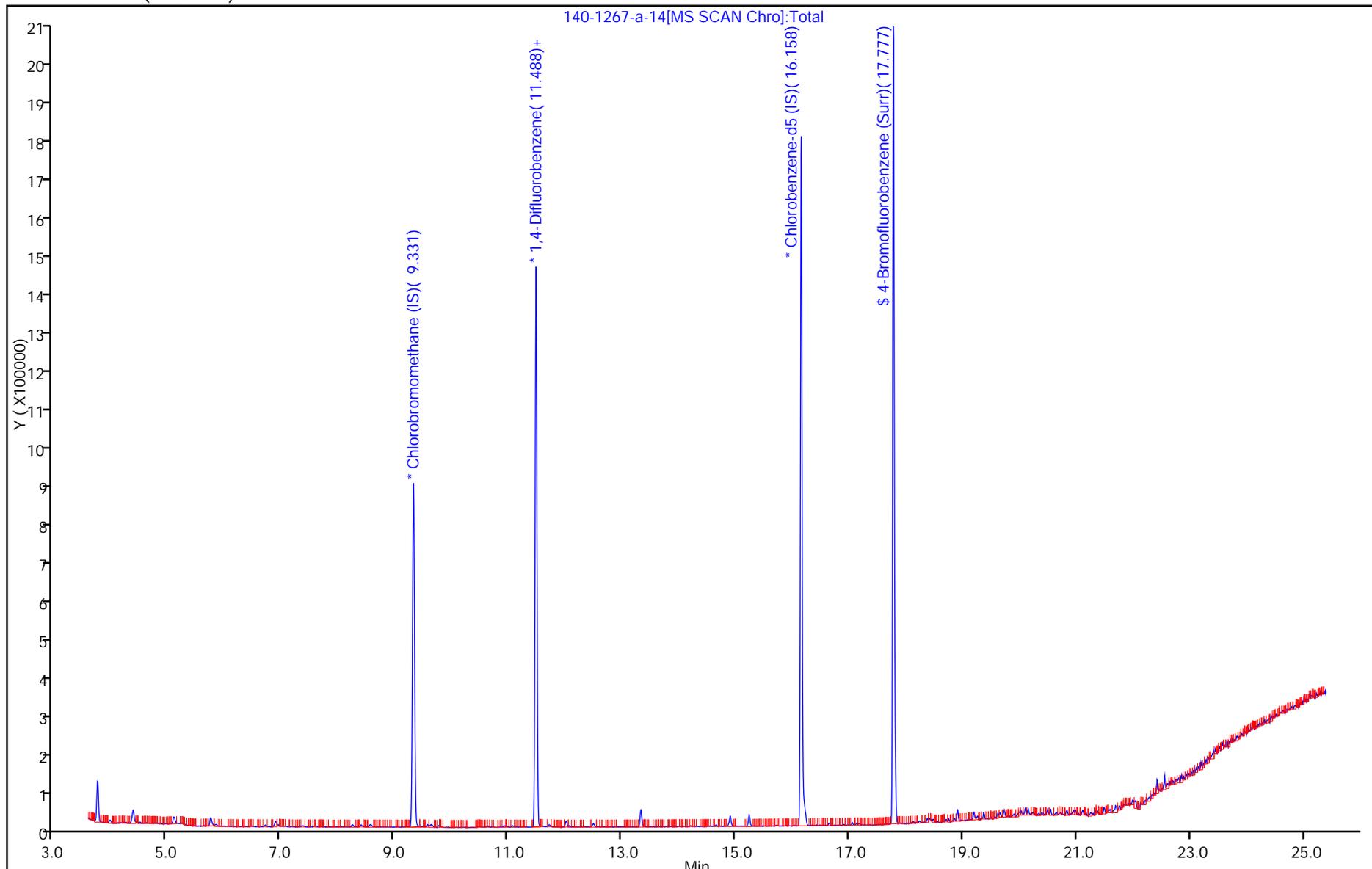
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: MJ\_TO15

Limit Group: MSA TO14A\_15 Routine ICAL

Column: RTX-5 (0.32 mm)



TestAmerica Knoxville

Data File: \\KNXCHROM\ChromData\MJ\20140430-639.b\140-1267-a-14.D

Injection Date: 01-May-2014 14:49:30

Instrument ID: MJ

Lims ID: 140-1267-A-14

Lab Sample ID: 140-1267-14

Client ID: 09545

Operator ID: 7126

ALS Bottle#: 16

Worklist Smp#: 4

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

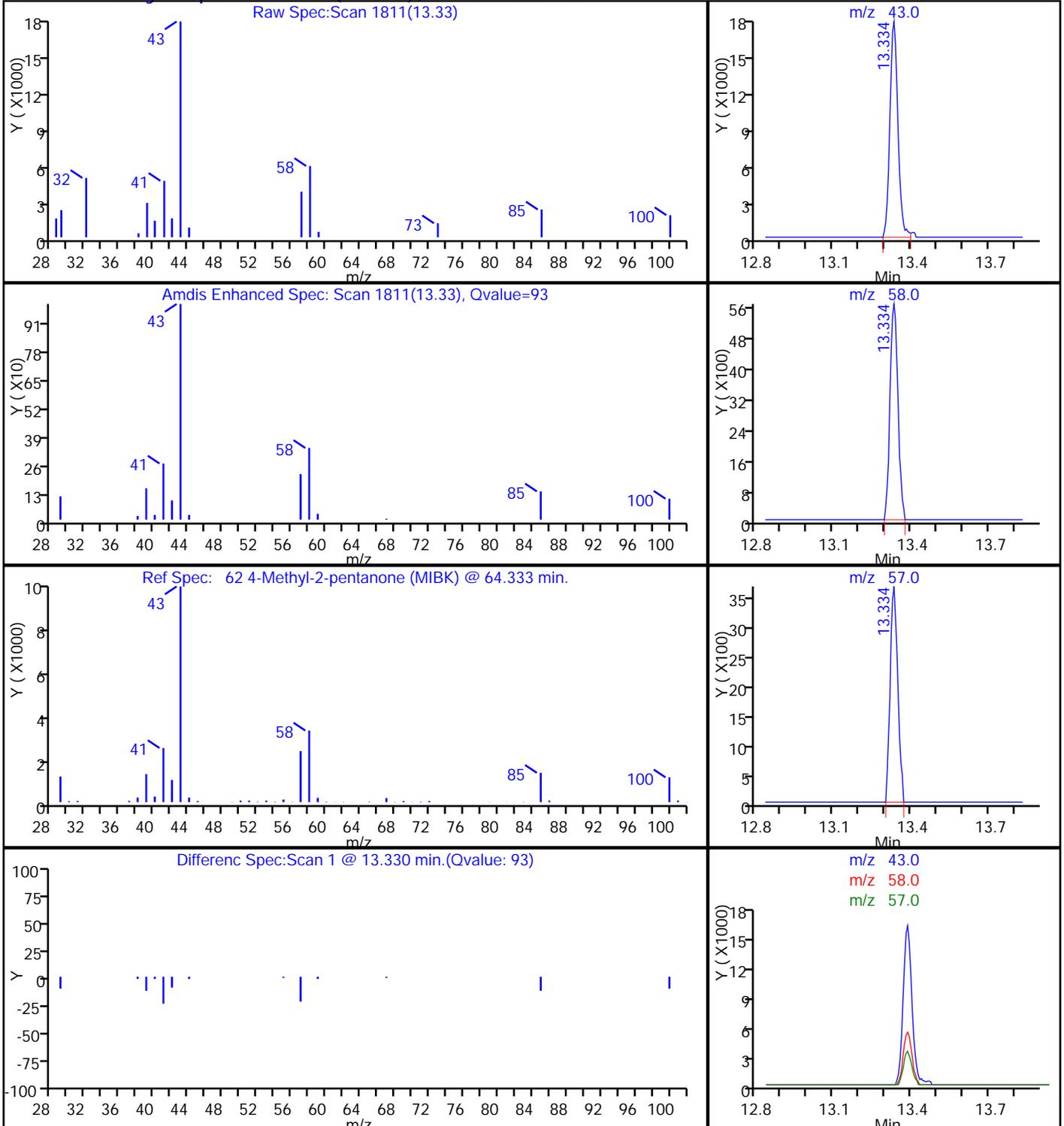
Method: MJ\_TO15

Limit Group: MSA TO14A\_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

62 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



TestAmerica Knoxville

Data File: \\KNXCHROM\ChromData\MJ\20140430-639.b\140-1267-a-14.D

Injection Date: 01-May-2014 14:49:30

Instrument ID: MJ

Lims ID: 140-1267-A-14

Lab Sample ID: 140-1267-14

Client ID: 09545

Operator ID: 7126

ALS Bottle#: 16 Worklist Smp#: 4

Purge Vol: 500.000 mL

Dil. Factor: 1.0000

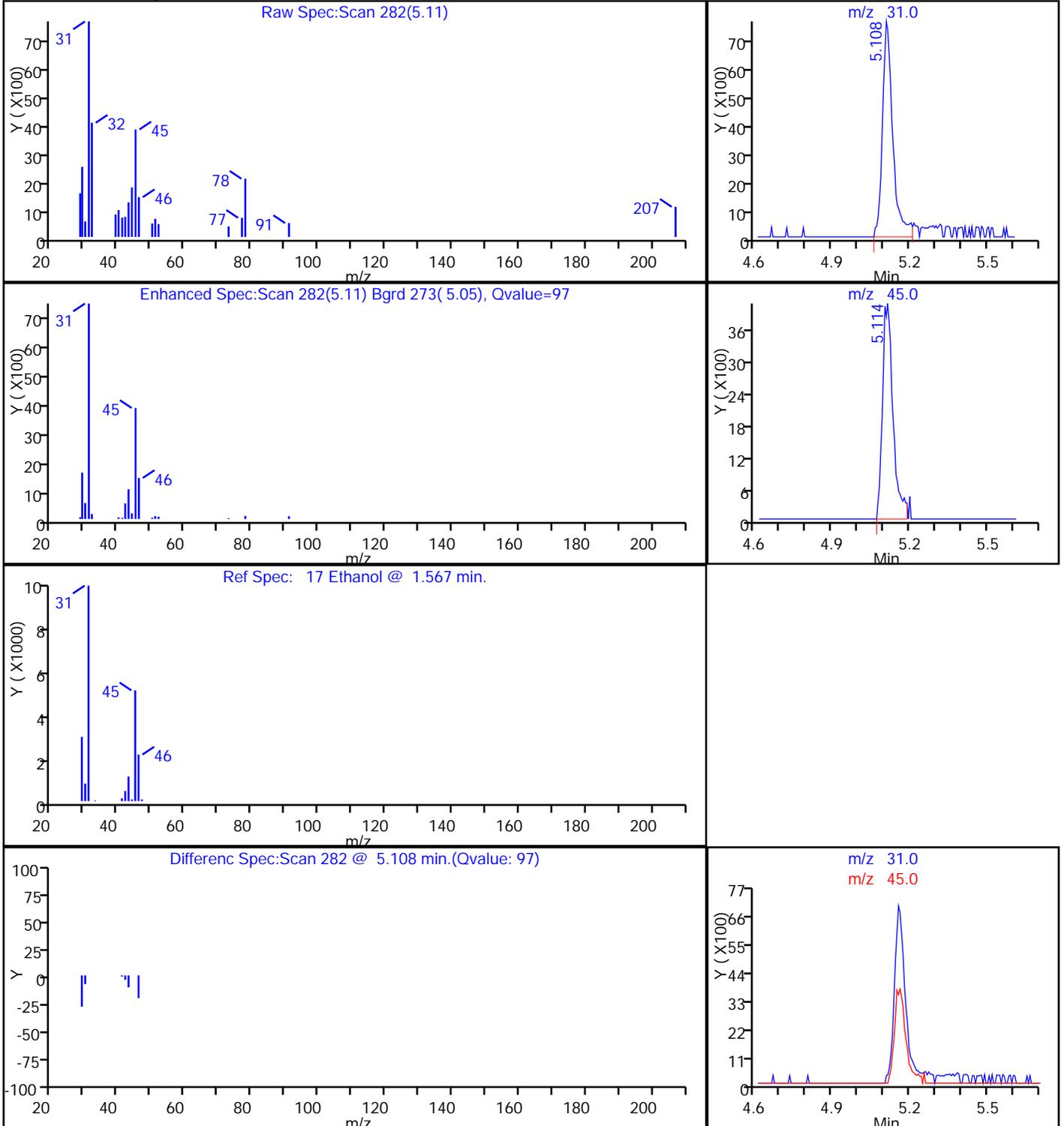
Method: MJ\_TO15

Limit Group: MSA TO14A\_15 Routine ICAL

Column: RTX-5 (0.32 mm)

Detector: MS SCAN

17 Ethanol, CAS: 64-17-5



## Fall 2014 Data Validation Memo



1/14/2015

Mr. Jim Peeples  
T&M Associates  
4675 Lakehurst Court  
Suite 250  
Dublin, OH 43016

Subject: Main Plant Data review for November 2014 Groundwater Monitoring Sampling and Analysis at the Grenada Manufacturing, Mississippi Plant

Dear Mr. Peeples:

I am pleased to submit this technical data review of the select VOC (compounds of concern), Total Metals (Lead, Chromium and Arsenic), Total Organic Carbon (TOC) and Hexavalent Chromium (Cr<sup>6+</sup>) data for the groundwater samples collected November 6-7, 2014 at the Grenada, Mississippi facility. All samples were submitted to Test America located in North Canton, Ohio for analysis.

This report discusses the technical data review of the results from the above sampling event. The samples and corresponding lab SDG identifiers are listed in Table 1. The analytical results summary is given in Table 2 with any qualification required shaded. The essential elements of the data reviewed are as follows:

- Completeness;
- Chain of Custody Records
- Holding Times;
- Laboratory Control Sample Recoveries;
- Sample Reporting Limits;
- Surrogate Spike Recoveries;
- Blank Contamination;
- Matrix Spike Recoveries;
- Matrix Spike Duplicate Recoveries;
- MS/MSD Relative Percent Difference (RPD);
- Field Duplicate RPDs.

These elements were reviewed based using the method based criteria for acceptance, QAPP, and the laboratories acceptance criteria, which was more stringent than that of the method for some of the data review elements listed above. This report addresses only the elements that contained observations were noted by the data reviewer and resulted in qualification of the data.

The data qualifiers placed on the data based on the technical data review are as follows:

- U – The compound is not detected at the reporting limit given.
- J – The compound was detected; however, minor qualifications of the data were deemed necessary based on the quality assurance review of the data.
- UJ – The compound is not detected; however, the quantitation limit for the compound is uncertain based on the quality assurance review of the data.
- R – The compound result is rejected based on major quality assurance deficiencies in the analysis of the sample. The presence or absence of the compound cannot be stated with any level of surety.

## 1.0 Chain of Custody Records

No issues with the chain of custody records were observed during the data review.

## 2.0 Holding Times

The following samples were analyzed past the holding time criterion for Hexavalent Chromium (Cr<sup>6+</sup>):

Sample	Hold Time Exceedence
SW-17-2014-F	39 minutes
SW-9-2014-F	1 hour 10 minutes
SW-19-2014-F	20 minutes
SW-22-2014-F	5 minutes
FD-301-2014-F	Within HT

The samples listed in the table above were reported by the laboratory with an “H” qualifier. Since the samples were analyzed within the two times the holding time, the “H” qualifier was removed and replaced with a “UJ” qualifier indicating that the results are qualified as non-detect, but the quantitation limits are estimated due to holding time exceedance for all samples except FD-201-2014-F.

Sample FD-01-2014-S was also listed by the laboratory as exceeding the hold time for Cr<sup>6+</sup>; however, this sample was a blind field duplicate of SW-19-2014-F and was actually analyzed within the 24 hour hold time criterion. The “H” qualifier reported by the laboratory was removed for sample FD-301-2014-F.

## 3.0 MS/MSD Recoveries and RPDs

The MS/MSD recoveries and RPDs for samples MW-55-2014-F and SW-12-2014-F were within the laboratory established control limits and no qualification was required for VOCs, TOC, Metals and Hexavalent Chromium for surface water (SW) samples. Even though the MS/MSD recoveries for MW-55-2014-F were within the laboratories control limits (58% and 48%, respectively), the recoveries were less than 75% as required by the QAPP. Based on the professional judgment of the reviewer the Hexavalent Chromium in all groundwater samples were qualified as estimated (J or UJ).

## 4.0 Field Duplicates

The following samples were analyzed as field duplicates:

Sample	Field Duplicate Sample	Matix	Analysis
MW-43-2014-F	FD-201-2014-F	Groundwater	VOCs, Cr <sup>6+</sup> , Metals
SW-19-2014-S	FD-301- 2014-F	Surface Water	VOCs, Cr <sup>6+</sup> , Metals

All field duplicates had RPDs that were below 50%, therefore no qualification of the data was required.

## 5.0 Blanks

All Field Blanks and Trip blanks were nondetect for all analytes.

All Method Blanks had nondetect results for all analytes except MB 240-156250/1-A for Lead. The method blank was greater than the reporting limit for lead, however, the only sample associated with this

method blank was MW-52-2014-F which was non-detect in its result. Since the sample was non-detect, no qualification of the data was required based on the professional judgement of the reviewer.

## **6.0 LCS**

All LCS were within the control criteria and no qualification of the data was required.

## **7.0 Other**

All surrogates for VOCs and SVOCs were in control for all samples reported.

## **8.0 Conclusions**

Based on the quality assurance review, the data reported from Test America for the Grenada, Mississippi sampling event in are usable as reported with the minor qualifications listed above.

Please call me at 614-329-9804 if you need clarification or would like to discuss the review in further detail.

Sincerely,

*Sara Crenshaw* via email

Sara Crenshaw

Sr. Scientist

Attachments: Table 1. Laboratory Identification to Site Sample Correlation  
Table 2. Analytical Results for the Grenada, Mississippi Sampling Event, November, 2014

**Table 1: Laboratory Identification to Site Sample Correlation**

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	ANALYSIS	Analyses
240-44060-01	MW-52-2014-F	11/6/2014	8:05	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb, TOC
240-44060-02	MW-51-2014-F	11/6/2014	8:40	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb, TOC
240-44060-03	MW-48-2014-F	11/6/2014	9:47	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44060-04	MW-47-2014-F	11/6/2014	10:15	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44060-05	MW-45-2014-F	11/6/2014	11:25	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb, TOC
240-44060-06	MW-46-2014-F	11/6/2014	12:00	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb, TOC
240-44060-07	MW-41-2014-F	11/6/2014	14:00	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44060-08	MW-42-2014-F	11/6/2014	14:30	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44060-09	MW-58-2014-F	11/6/2014	15:15	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44060-10	MW-59-2014-F	11/6/2014	15:40	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb, TOC
240-44060-11	TRIP BLANKS	11/6/2014	0:00	1,1,2-Trichloroethane	VOCs
240-44061-01	MW-55-2014-F	11/6/2014	8:15	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44061-02	MW-56-2014-F	11/6/2014	9:00	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb, TOC
240-44061-03	MW-49-2014-F	11/6/2014	10:25	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44061-04	MW-50-2014-F	11/6/2014	11:55	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44061-05	FD-201-2014-F (Duplicate of MW-43-2014-F)	11/6/2014	12:00	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb, TOC
240-44061-06	MW-43-2014-F	11/6/2014	12:45	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44061-07	MW-44-2014-F	11/6/2014	13:45	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44061-08	MW-14-2014-F	11/6/2014	14:50	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44061-09	FB-301-2014-F (Field Blank 11/6/2014)	11/6/2014	15:00	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb, TOC
240-44061-10	MW-57-2014-F	11/6/2014	15:20	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44061-11	TRIP BLANKS	11/6/2014	0:00	1,1,2-Trichloroethane	VOCs
240-44149-01	SW-17-2014-F	11/7/2014	9:20	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb

240-44149-02	SW-9-2014-F	11/7/2014	9:00	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44149-03	SW-19-2014-F	11/7/2014	9:40	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44149-04	SW-12-2014-F	11/7/2014	10:10	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44149-05	SW-22-2014-F	11/7/2014	9:55	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44149-06	FD-301-2014-F (Duplicate of SW-19-2014-F)	11/7/2014	11:00	1,1,2-Trichloroethane	VOCs, Cr <sup>6+</sup> , As, Cr, Pb
240-44149-07	TRIP BLANK	11/7/2014	0:00	1,1,2-Trichloroethane	VOCs

**Table 2: Analytical Results for the Grenada, Mississippi Sampling Event,  
November 2014**

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, November 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	Q	UNITS	PQL	MDL	METHOD
240-44060-01	MW-52-2014-F	11/6/2014	8:05	1,1,2-Trichloroethane	170	U	ug/L	170	28	SW846 8260B
240-44060-02	MW-51-2014-F	11/6/2014	8:40	1,1,2-Trichloroethane	140	U	ug/L	140	24	SW846 8260B
240-44060-03	MW-48-2014-F	11/6/2014	9:47	1,1,2-Trichloroethane	250	U	ug/L	250	43	SW846 8260B
240-44060-04	MW-47-2014-F	11/6/2014	10:15	1,1,2-Trichloroethane	1	U	ug/L	1	0.17	SW846 8260B
240-44060-05	MW-45-2014-F	11/6/2014	11:25	1,1,2-Trichloroethane	500	U	ug/L	500	85	SW846 8260B
240-44060-06	MW-46-2014-F	11/6/2014	12:00	1,1,2-Trichloroethane	330	U	ug/L	330	57	SW846 8260B
240-44060-07	MW-41-2014-F	11/6/2014	14:00	1,1,2-Trichloroethane	20	U	ug/L	20	3.4	SW846 8260B
240-44060-08	MW-42-2014-F	11/6/2014	14:30	1,1,2-Trichloroethane	22	U	ug/L	22	3.8	SW846 8260B
240-44060-09	MW-58-2014-F	11/6/2014	15:15	1,1,2-Trichloroethane	1	U	ug/L	1	0.17	SW846 8260B
240-44060-10	MW-59-2014-F	11/6/2014	15:40	1,1,2-Trichloroethane	1	U	ug/L	1	0.17	SW846 8260B
240-44060-11	TRIP BLANKS	11/6/2014	0:00	1,1,2-Trichloroethane	1	U	ug/L	1	0.17	SW846 8260B
240-44061-01	MW-55-2014-F	11/6/2014	8:15	1,1,2-Trichloroethane	71	U	ug/L	71	12	SW846 8260B
240-44061-02	MW-56-2014-F	11/6/2014	9:00	1,1,2-Trichloroethane	67	U	ug/L	67	11	SW846 8260B
240-44061-03	MW-49-2014-F	11/6/2014	10:25	1,1,2-Trichloroethane	17	U	ug/L	17	2.8	SW846 8260B
240-44061-04	MW-50-2014-F	11/6/2014	11:55	1,1,2-Trichloroethane	1	U	ug/L	1	0.17	SW846 8260B
240-44061-05	FD-201-2014-F	11/6/2014	12:00	1,1,2-Trichloroethane	13	U	ug/L	13	2.1	SW846 8260B
240-44061-06	MW-43-2014-F	11/6/2014	12:45	1,1,2-Trichloroethane	13	U	ug/L	13	2.1	SW846 8260B
240-44061-07	MW-44-2014-F	11/6/2014	13:45	1,1,2-Trichloroethane	5	U	ug/L	5	0.85	SW846 8260B
240-44061-08	MW-14-2014-F	11/6/2014	14:50	1,1,2-Trichloroethane	33	U	ug/L	33	5.7	SW846 8260B
240-44061-09	FB-301-2014-F	11/6/2014	15:00	1,1,2-Trichloroethane	1	U	ug/L	1	0.17	SW846 8260B
240-44061-10	MW-57-2014-F	11/6/2014	15:20	1,1,2-Trichloroethane	1	U	ug/L	1	0.17	SW846 8260B
240-44061-11	TRIP BLANKS	11/6/2014	0:00	1,1,2-Trichloroethane	1	U	ug/L	1	0.17	SW846 8260B
240-44149-01	SW-17-2014-F	11/7/2014	9:20	1,1,2-Trichloroethane	1	U	ug/L	1	0.17	SW846 8260B
240-44149-02	SW-9-2014-F	11/7/2014	9:00	1,1,2-Trichloroethane	1	U	ug/L	1	0.17	SW846 8260B
240-44149-03	SW-19-2014-F	11/7/2014	9:40	1,1,2-Trichloroethane	1	U	ug/L	1	0.17	SW846 8260B
240-44149-04	SW-12-2014-F	11/7/2014	10:10	1,1,2-Trichloroethane	1	U	ug/L	1	0.17	SW846 8260B
240-44149-05	SW-22-2014-F	11/7/2014	9:55	1,1,2-Trichloroethane	1	U	ug/L	1	0.17	SW846 8260B
240-44149-06	FD-301-2014-F	11/7/2014	11:00	1,1,2-Trichloroethane	1	U	ug/L	1	0.17	SW846 8260B
240-44149-07	TRIP BLANK	11/7/2014	0:00	1,1,2-Trichloroethane	1	U	ug/L	1	0.17	SW846 8260B
240-44060-01	MW-52-2014-F	11/6/2014	8:05	1,1-Dichloroethene	170	U	ug/L	170	75	SW846 8260B
240-44060-02	MW-51-2014-F	11/6/2014	8:40	1,1-Dichloroethene	140	U	ug/L	140	64	SW846 8260B
240-44060-03	MW-48-2014-F	11/6/2014	9:47	1,1-Dichloroethene	250	U	ug/L	250	110	SW846 8260B
240-44060-04	MW-47-2014-F	11/6/2014	10:15	1,1-Dichloroethene	1	U	ug/L	1	0.45	SW846 8260B
240-44060-05	MW-45-2014-F	11/6/2014	11:25	1,1-Dichloroethene	500	U	ug/L	500	230	SW846 8260B
240-44060-06	MW-46-2014-F	11/6/2014	12:00	1,1-Dichloroethene	330	U	ug/L	330	150	SW846 8260B
240-44060-07	MW-41-2014-F	11/6/2014	14:00	1,1-Dichloroethene	20	U	ug/L	20	9	SW846 8260B

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, November 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	Q	UNITS	PQL	MDL	METHOD
240-44060-08	MW-42-2014-F	11/6/2014	14:30	1,1-Dichloroethene	22	U	ug/L	22	10	SW846 8260B
240-44060-09	MW-58-2014-F	11/6/2014	15:15	1,1-Dichloroethene	1	U	ug/L	1	0.45	SW846 8260B
240-44060-10	MW-59-2014-F	11/6/2014	15:40	1,1-Dichloroethene	1	U	ug/L	1	0.45	SW846 8260B
240-44060-11	TRIP BLANKS	11/6/2014	0:00	1,1-Dichloroethene	1	U	ug/L	1	0.45	SW846 8260B
240-44061-01	MW-55-2014-F	11/6/2014	8:15	1,1-Dichloroethene	71	U	ug/L	71	32	SW846 8260B
240-44061-02	MW-56-2014-F	11/6/2014	9:00	1,1-Dichloroethene	67	U	ug/L	67	30	SW846 8260B
240-44061-03	MW-49-2014-F	11/6/2014	10:25	1,1-Dichloroethene	17	U	ug/L	17	7.5	SW846 8260B
240-44061-04	MW-50-2014-F	11/6/2014	11:55	1,1-Dichloroethene	1	U	ug/L	1	0.45	SW846 8260B
240-44061-05	FD-201-2014-F	11/6/2014	12:00	1,1-Dichloroethene	13	U	ug/L	13	5.6	SW846 8260B
240-44061-06	MW-43-2014-F	11/6/2014	12:45	1,1-Dichloroethene	13	U	ug/L	13	5.6	SW846 8260B
240-44061-07	MW-44-2014-F	11/6/2014	13:45	1,1-Dichloroethene	5	U	ug/L	5	2.3	SW846 8260B
240-44061-08	MW-14-2014-F	11/6/2014	14:50	1,1-Dichloroethene	33	U	ug/L	33	15	SW846 8260B
240-44061-09	FB-301-2014-F	11/6/2014	15:00	1,1-Dichloroethene	1	U	ug/L	1	0.45	SW846 8260B
240-44061-10	MW-57-2014-F	11/6/2014	15:20	1,1-Dichloroethene	1	U	ug/L	1	0.45	SW846 8260B
240-44061-11	TRIP BLANKS	11/6/2014	0:00	1,1-Dichloroethene	1	U	ug/L	1	0.45	SW846 8260B
240-44149-01	SW-17-2014-F	11/7/2014	9:20	1,1-Dichloroethene	1	U	ug/L	1	0.45	SW846 8260B
240-44149-02	SW-9-2014-F	11/7/2014	9:00	1,1-Dichloroethene	1	U	ug/L	1	0.45	SW846 8260B
240-44149-03	SW-19-2014-F	11/7/2014	9:40	1,1-Dichloroethene	1	U	ug/L	1	0.45	SW846 8260B
240-44149-04	SW-12-2014-F	11/7/2014	10:10	1,1-Dichloroethene	1	U	ug/L	1	0.45	SW846 8260B
240-44149-05	SW-22-2014-F	11/7/2014	9:55	1,1-Dichloroethene	1	U	ug/L	1	0.45	SW846 8260B
240-44149-06	FD-301-2014-F	11/7/2014	11:00	1,1-Dichloroethene	1	U	ug/L	1	0.45	SW846 8260B
240-44149-07	TRIP BLANK	11/7/2014	0:00	1,1-Dichloroethene	1	U	ug/L	1	0.45	SW846 8260B
240-44060-01	MW-52-2014-F	11/6/2014	8:05	1,2-Dichloroethane	170	U	ug/L	170	33	SW846 8260B
240-44060-02	MW-51-2014-F	11/6/2014	8:40	1,2-Dichloroethane	140	U	ug/L	140	29	SW846 8260B
240-44060-03	MW-48-2014-F	11/6/2014	9:47	1,2-Dichloroethane	250	U	ug/L	250	50	SW846 8260B
240-44060-04	MW-47-2014-F	11/6/2014	10:15	1,2-Dichloroethane	1	U	ug/L	1	0.2	SW846 8260B
240-44060-05	MW-45-2014-F	11/6/2014	11:25	1,2-Dichloroethane	500	U	ug/L	500	100	SW846 8260B
240-44060-06	MW-46-2014-F	11/6/2014	12:00	1,2-Dichloroethane	330	U	ug/L	330	67	SW846 8260B
240-44060-07	MW-41-2014-F	11/6/2014	14:00	1,2-Dichloroethane	20	U	ug/L	20	4	SW846 8260B
240-44060-08	MW-42-2014-F	11/6/2014	14:30	1,2-Dichloroethane	22	U	ug/L	22	4.4	SW846 8260B
240-44060-09	MW-58-2014-F	11/6/2014	15:15	1,2-Dichloroethane	1	U	ug/L	1	0.2	SW846 8260B
240-44060-10	MW-59-2014-F	11/6/2014	15:40	1,2-Dichloroethane	1	U	ug/L	1	0.2	SW846 8260B
240-44060-11	TRIP BLANKS	11/6/2014	0:00	1,2-Dichloroethane	1	U	ug/L	1	0.2	SW846 8260B
240-44061-01	MW-55-2014-F	11/6/2014	8:15	1,2-Dichloroethane	71	U	ug/L	71	14	SW846 8260B
240-44061-02	MW-56-2014-F	11/6/2014	9:00	1,2-Dichloroethane	67	U	ug/L	67	13	SW846 8260B
240-44061-03	MW-49-2014-F	11/6/2014	10:25	1,2-Dichloroethane	17	U	ug/L	17	3.3	SW846 8260B

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, November 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	Q	UNITS	PQL	MDL	METHOD
240-44061-04	MW-50-2014-F	11/6/2014	11:55	1,2-Dichloroethane	1	U	ug/L	1	0.2	SW846 8260B
240-44061-05	FD-201-2014-F	11/6/2014	12:00	1,2-Dichloroethane	13	U	ug/L	13	2.5	SW846 8260B
240-44061-06	MW-43-2014-F	11/6/2014	12:45	1,2-Dichloroethane	13	U	ug/L	13	2.5	SW846 8260B
240-44061-07	MW-44-2014-F	11/6/2014	13:45	1,2-Dichloroethane	5	U	ug/L	5	1	SW846 8260B
240-44061-08	MW-14-2014-F	11/6/2014	14:50	1,2-Dichloroethane	33	U	ug/L	33	6.7	SW846 8260B
240-44061-09	FB-301-2014-F	11/6/2014	15:00	1,2-Dichloroethane	1	U	ug/L	1	0.2	SW846 8260B
240-44061-10	MW-57-2014-F	11/6/2014	15:20	1,2-Dichloroethane	1	U	ug/L	1	0.2	SW846 8260B
240-44061-11	TRIP BLANKS	11/6/2014	0:00	1,2-Dichloroethane	1	U	ug/L	1	0.2	SW846 8260B
240-44149-01	SW-17-2014-F	11/7/2014	9:20	1,2-Dichloroethane	1	U	ug/L	1	0.2	SW846 8260B
240-44149-02	SW-9-2014-F	11/7/2014	9:00	1,2-Dichloroethane	1	U	ug/L	1	0.2	SW846 8260B
240-44149-03	SW-19-2014-F	11/7/2014	9:40	1,2-Dichloroethane	1	U	ug/L	1	0.2	SW846 8260B
240-44149-04	SW-12-2014-F	11/7/2014	10:10	1,2-Dichloroethane	1	U	ug/L	1	0.2	SW846 8260B
240-44149-05	SW-22-2014-F	11/7/2014	9:55	1,2-Dichloroethane	1	U	ug/L	1	0.2	SW846 8260B
240-44149-06	FD-301-2014-F	11/7/2014	11:00	1,2-Dichloroethane	1	U	ug/L	1	0.2	SW846 8260B
240-44149-07	TRIP BLANK	11/7/2014	0:00	1,2-Dichloroethane	1	U	ug/L	1	0.2	SW846 8260B
240-44060-01	MW-52-2014-F	11/6/2014	8:05	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44060-02	MW-51-2014-F	11/6/2014	8:40	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44060-03	MW-48-2014-F	11/6/2014	9:47	Arsenic	64		ug/L	10	2.9	SW846 6010B
240-44060-04	MW-47-2014-F	11/6/2014	10:15	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44060-05	MW-45-2014-F	11/6/2014	11:25	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44060-06	MW-46-2014-F	11/6/2014	12:00	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44060-07	MW-41-2014-F	11/6/2014	14:00	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44060-08	MW-42-2014-F	11/6/2014	14:30	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44060-09	MW-58-2014-F	11/6/2014	15:15	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44060-10	MW-59-2014-F	11/6/2014	15:40	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44061-01	MW-55-2014-F	11/6/2014	8:15	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44061-02	MW-56-2014-F	11/6/2014	9:00	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44061-03	MW-49-2014-F	11/6/2014	10:25	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44061-04	MW-50-2014-F	11/6/2014	11:55	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44061-05	FD-201-2014-F	11/6/2014	12:00	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44061-06	MW-43-2014-F	11/6/2014	12:45	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44061-07	MW-44-2014-F	11/6/2014	13:45	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44061-08	MW-14-2014-F	11/6/2014	14:50	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44061-09	FB-301-2014-F	11/6/2014	15:00	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44061-10	MW-57-2014-F	11/6/2014	15:20	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44149-01	SW-17-2014-F	11/7/2014	9:20	Arsenic	10	U	ug/L	10	2.9	SW846 6010B

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, November 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	Q	UNITS	PQL	MDL	METHOD
240-44149-02	SW-9-2014-F	11/7/2014	9:00	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44149-03	SW-19-2014-F	11/7/2014	9:40	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44149-04	SW-12-2014-F	11/7/2014	10:10	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44149-05	SW-22-2014-F	11/7/2014	9:55	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44149-06	FD-301-2014-F	11/7/2014	11:00	Arsenic	10	U	ug/L	10	2.9	SW846 6010B
240-44060-01	MW-52-2014-F	11/6/2014	8:05	Benzene	170	U	ug/L	170	40	SW846 8260B
240-44060-02	MW-51-2014-F	11/6/2014	8:40	Benzene	140	U	ug/L	140	34	SW846 8260B
240-44060-03	MW-48-2014-F	11/6/2014	9:47	Benzene	250	U	ug/L	250	60	SW846 8260B
240-44060-04	MW-47-2014-F	11/6/2014	10:15	Benzene	1	U	ug/L	1	0.24	SW846 8260B
240-44060-05	MW-45-2014-F	11/6/2014	11:25	Benzene	500	U	ug/L	500	120	SW846 8260B
240-44060-06	MW-46-2014-F	11/6/2014	12:00	Benzene	330	U	ug/L	330	80	SW846 8260B
240-44060-07	MW-41-2014-F	11/6/2014	14:00	Benzene	20	U	ug/L	20	4.8	SW846 8260B
240-44060-08	MW-42-2014-F	11/6/2014	14:30	Benzene	22	U	ug/L	22	5.3	SW846 8260B
240-44060-09	MW-58-2014-F	11/6/2014	15:15	Benzene	1	U	ug/L	1	0.24	SW846 8260B
240-44060-10	MW-59-2014-F	11/6/2014	15:40	Benzene	1	U	ug/L	1	0.24	SW846 8260B
240-44060-11	TRIP BLANKS	11/6/2014	0:00	Benzene	1	U	ug/L	1	0.24	SW846 8260B
240-44061-01	MW-55-2014-F	11/6/2014	8:15	Benzene	71	U	ug/L	71	17	SW846 8260B
240-44061-02	MW-56-2014-F	11/6/2014	9:00	Benzene	67	U	ug/L	67	16	SW846 8260B
240-44061-03	MW-49-2014-F	11/6/2014	10:25	Benzene	17	U	ug/L	17	4	SW846 8260B
240-44061-04	MW-50-2014-F	11/6/2014	11:55	Benzene	1.3		ug/L	1	0.24	SW846 8260B
240-44061-05	FD-201-2014-F	11/6/2014	12:00	Benzene	13	U	ug/L	13	3	SW846 8260B
240-44061-06	MW-43-2014-F	11/6/2014	12:45	Benzene	13	U	ug/L	13	3	SW846 8260B
240-44061-07	MW-44-2014-F	11/6/2014	13:45	Benzene	5	U	ug/L	5	1.2	SW846 8260B
240-44061-08	MW-14-2014-F	11/6/2014	14:50	Benzene	33	U	ug/L	33	8	SW846 8260B
240-44061-09	FB-301-2014-F	11/6/2014	15:00	Benzene	1	U	ug/L	1	0.24	SW846 8260B
240-44061-10	MW-57-2014-F	11/6/2014	15:20	Benzene	1	U	ug/L	1	0.24	SW846 8260B
240-44061-11	TRIP BLANKS	11/6/2014	0:00	Benzene	1	U	ug/L	1	0.24	SW846 8260B
240-44149-01	SW-17-2014-F	11/7/2014	9:20	Benzene	1	U	ug/L	1	0.24	SW846 8260B
240-44149-02	SW-9-2014-F	11/7/2014	9:00	Benzene	1	U	ug/L	1	0.24	SW846 8260B
240-44149-03	SW-19-2014-F	11/7/2014	9:40	Benzene	1	U	ug/L	1	0.24	SW846 8260B
240-44149-04	SW-12-2014-F	11/7/2014	10:10	Benzene	1	U	ug/L	1	0.24	SW846 8260B
240-44149-05	SW-22-2014-F	11/7/2014	9:55	Benzene	1	U	ug/L	1	0.24	SW846 8260B
240-44149-06	FD-301-2014-F	11/7/2014	11:00	Benzene	1	U	ug/L	1	0.24	SW846 8260B
240-44149-07	TRIP BLANK	11/7/2014	0:00	Benzene	1	U	ug/L	1	0.24	SW846 8260B
240-44060-01	MW-52-2014-F	11/6/2014	8:05	Chromium	39		ug/L	5	0.55	SW846 6010B
240-44060-02	MW-51-2014-F	11/6/2014	8:40	Chromium	5		ug/L	5	0.55	SW846 6010B

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, November 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	Q	UNITS	PQL	MDL	METHOD
240-44060-03	MW-48-2014-F	11/6/2014	9:47	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44060-04	MW-47-2014-F	11/6/2014	10:15	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44060-05	MW-45-2014-F	11/6/2014	11:25	Chromium	190		ug/L	5	0.55	SW846 6010B
240-44060-06	MW-46-2014-F	11/6/2014	12:00	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44060-07	MW-41-2014-F	11/6/2014	14:00	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44060-08	MW-42-2014-F	11/6/2014	14:30	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44060-09	MW-58-2014-F	11/6/2014	15:15	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44060-10	MW-59-2014-F	11/6/2014	15:40	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44061-01	MW-55-2014-F	11/6/2014	8:15	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44061-02	MW-56-2014-F	11/6/2014	9:00	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44061-03	MW-49-2014-F	11/6/2014	10:25	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44061-04	MW-50-2014-F	11/6/2014	11:55	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44061-05	FD-201-2014-F	11/6/2014	12:00	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44061-06	MW-43-2014-F	11/6/2014	12:45	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44061-07	MW-44-2014-F	11/6/2014	13:45	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44061-08	MW-14-2014-F	11/6/2014	14:50	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44061-09	FB-301-2014-F	11/6/2014	15:00	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44061-10	MW-57-2014-F	11/6/2014	15:20	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44149-01	SW-17-2014-F	11/7/2014	9:20	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44149-02	SW-9-2014-F	11/7/2014	9:00	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44149-03	SW-19-2014-F	11/7/2014	9:40	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44149-04	SW-12-2014-F	11/7/2014	10:10	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44149-05	SW-22-2014-F	11/7/2014	9:55	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44149-06	FD-301-2014-F	11/7/2014	11:00	Chromium	5	U	ug/L	5	0.55	SW846 6010B
240-44060-01	MW-52-2014-F	11/6/2014	8:05	cis-1,2-Dichloroethene	560		ug/L	170	33	SW846 8260B
240-44060-02	MW-51-2014-F	11/6/2014	8:40	cis-1,2-Dichloroethene	910		ug/L	140	29	SW846 8260B
240-44060-03	MW-48-2014-F	11/6/2014	9:47	cis-1,2-Dichloroethene	2500		ug/L	250	50	SW846 8260B
240-44060-04	MW-47-2014-F	11/6/2014	10:15	cis-1,2-Dichloroethene	24		ug/L	1	0.2	SW846 8260B
240-44060-05	MW-45-2014-F	11/6/2014	11:25	cis-1,2-Dichloroethene	11000		ug/L	500	100	SW846 8260B
240-44060-06	MW-46-2014-F	11/6/2014	12:00	cis-1,2-Dichloroethene	3000		ug/L	330	67	SW846 8260B
240-44060-07	MW-41-2014-F	11/6/2014	14:00	cis-1,2-Dichloroethene	580		ug/L	20	4	SW846 8260B
240-44060-08	MW-42-2014-F	11/6/2014	14:30	cis-1,2-Dichloroethene	350		ug/L	22	4.4	SW846 8260B
240-44060-09	MW-58-2014-F	11/6/2014	15:15	cis-1,2-Dichloroethene	35		ug/L	1	0.2	SW846 8260B
240-44060-10	MW-59-2014-F	11/6/2014	15:40	cis-1,2-Dichloroethene	1.1		ug/L	1	0.2	SW846 8260B
240-44060-11	TRIP BLANKS	11/6/2014	0:00	cis-1,2-Dichloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44061-01	MW-55-2014-F	11/6/2014	8:15	cis-1,2-Dichloroethene	530		ug/L	71	14	SW846 8260B

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, November 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	Q	UNITS	PQL	MDL	METHOD
240-44061-02	MW-56-2014-F	11/6/2014	9:00	cis-1,2-Dichloroethene	550		ug/L	67	13	SW846 8260B
240-44061-03	MW-49-2014-F	11/6/2014	10:25	cis-1,2-Dichloroethene	530		ug/L	17	3.3	SW846 8260B
240-44061-04	MW-50-2014-F	11/6/2014	11:55	cis-1,2-Dichloroethene	33		ug/L	1	0.2	SW846 8260B
240-44061-05	FD-201-2014-F	11/6/2014	12:00	cis-1,2-Dichloroethene	380		ug/L	13	2.5	SW846 8260B
240-44061-06	MW-43-2014-F	11/6/2014	12:45	cis-1,2-Dichloroethene	390		ug/L	13	2.5	SW846 8260B
240-44061-07	MW-44-2014-F	11/6/2014	13:45	cis-1,2-Dichloroethene	130		ug/L	5	1	SW846 8260B
240-44061-08	MW-14-2014-F	11/6/2014	14:50	cis-1,2-Dichloroethene	640		ug/L	33	6.7	SW846 8260B
240-44061-09	FB-301-2014-F	11/6/2014	15:00	cis-1,2-Dichloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44061-10	MW-57-2014-F	11/6/2014	15:20	cis-1,2-Dichloroethene	33		ug/L	1	0.2	SW846 8260B
240-44061-11	TRIP BLANKS	11/6/2014	0:00	cis-1,2-Dichloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44149-01	SW-17-2014-F	11/7/2014	9:20	cis-1,2-Dichloroethene	17		ug/L	1	0.2	SW846 8260B
240-44149-02	SW-9-2014-F	11/7/2014	9:00	cis-1,2-Dichloroethene	25		ug/L	1	0.2	SW846 8260B
240-44149-03	SW-19-2014-F	11/7/2014	9:40	cis-1,2-Dichloroethene	20		ug/L	1	0.2	SW846 8260B
240-44149-04	SW-12-2014-F	11/7/2014	10:10	cis-1,2-Dichloroethene	2.1		ug/L	1	0.2	SW846 8260B
240-44149-05	SW-22-2014-F	11/7/2014	9:55	cis-1,2-Dichloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44149-06	FD-301-2014-F	11/7/2014	11:00	cis-1,2-Dichloroethene	19		ug/L	1	0.2	SW846 8260B
240-44149-07	TRIP BLANK	11/7/2014	0:00	cis-1,2-Dichloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44060-01	MW-52-2014-F	11/6/2014	8:05	Cr (VI)	0.036		mg/L	0.02	0.0019	SW846 7196A
240-44060-02	MW-51-2014-F	11/6/2014	8:40	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44060-03	MW-48-2014-F	11/6/2014	9:47	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44060-04	MW-47-2014-F	11/6/2014	10:15	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44060-05	MW-45-2014-F	11/6/2014	11:25	Cr (VI)	0.19		mg/L	0.02	0.0019	SW846 7196A
240-44060-06	MW-46-2014-F	11/6/2014	12:00	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44060-07	MW-41-2014-F	11/6/2014	14:00	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44060-08	MW-42-2014-F	11/6/2014	14:30	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44060-09	MW-58-2014-F	11/6/2014	15:15	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44060-10	MW-59-2014-F	11/6/2014	15:40	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44061-01	MW-55-2014-F	11/6/2014	8:15	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44061-02	MW-56-2014-F	11/6/2014	9:00	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44061-03	MW-49-2014-F	11/6/2014	10:25	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44061-04	MW-50-2014-F	11/6/2014	11:55	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44061-05	FD-201-2014-F	11/6/2014	12:00	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44061-06	MW-43-2014-F	11/6/2014	12:45	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44061-07	MW-44-2014-F	11/6/2014	13:45	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44061-08	MW-14-2014-F	11/6/2014	14:50	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44061-09	FB-301-2014-F	11/6/2014	15:00	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, November 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	Q	UNITS	PQL	MDL	METHOD
240-44061-10	MW-57-2014-F	11/6/2014	15:20	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44149-01	SW-17-2014-F	11/7/2014	9:20	Cr (VI)	0.02	U H	mg/L	0.02	0.0019	SW846 7196A
240-44149-02	SW-9-2014-F	11/7/2014	9:00	Cr (VI)	0.02	U H	mg/L	0.02	0.0019	SW846 7196A
240-44149-03	SW-19-2014-F	11/7/2014	9:40	Cr (VI)	0.02	U H	mg/L	0.02	0.0019	SW846 7196A
240-44149-04	SW-12-2014-F	11/7/2014	10:10	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44149-05	SW-22-2014-F	11/7/2014	9:55	Cr (VI)	0.02	U H	mg/L	0.02	0.0019	SW846 7196A
240-44149-06	FD-301-2014-F	11/7/2014	11:00	Cr (VI)	0.02	U	mg/L	0.02	0.0019	SW846 7196A
240-44060-01	MW-52-2014-F	11/6/2014	8:05	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44060-02	MW-51-2014-F	11/6/2014	8:40	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44060-03	MW-48-2014-F	11/6/2014	9:47	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44060-04	MW-47-2014-F	11/6/2014	10:15	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44060-05	MW-45-2014-F	11/6/2014	11:25	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44060-06	MW-46-2014-F	11/6/2014	12:00	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44060-07	MW-41-2014-F	11/6/2014	14:00	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44060-08	MW-42-2014-F	11/6/2014	14:30	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44060-09	MW-58-2014-F	11/6/2014	15:15	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44060-10	MW-59-2014-F	11/6/2014	15:40	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44061-01	MW-55-2014-F	11/6/2014	8:15	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44061-02	MW-56-2014-F	11/6/2014	9:00	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44061-03	MW-49-2014-F	11/6/2014	10:25	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44061-04	MW-50-2014-F	11/6/2014	11:55	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44061-05	FD-201-2014-F	11/6/2014	12:00	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44061-06	MW-43-2014-F	11/6/2014	12:45	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44061-07	MW-44-2014-F	11/6/2014	13:45	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44061-08	MW-14-2014-F	11/6/2014	14:50	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44061-09	FB-301-2014-F	11/6/2014	15:00	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44061-10	MW-57-2014-F	11/6/2014	15:20	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44149-01	SW-17-2014-F	11/7/2014	9:20	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44149-02	SW-9-2014-F	11/7/2014	9:00	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44149-03	SW-19-2014-F	11/7/2014	9:40	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44149-04	SW-12-2014-F	11/7/2014	10:10	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44149-05	SW-22-2014-F	11/7/2014	9:55	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44149-06	FD-301-2014-F	11/7/2014	11:00	Lead	3	U	ug/L	3	1.9	SW846 6010B
240-44060-01	MW-52-2014-F	11/6/2014	8:05	Tetrachloroethene	170	U	ug/L	170	33	SW846 8260B
240-44060-02	MW-51-2014-F	11/6/2014	8:40	Tetrachloroethene	140	U	ug/L	140	29	SW846 8260B
240-44060-03	MW-48-2014-F	11/6/2014	9:47	Tetrachloroethene	250	U	ug/L	250	50	SW846 8260B

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, November 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	Q	UNITS	PQL	MDL	METHOD
240-44060-04	MW-47-2014-F	11/6/2014	10:15	Tetrachloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44060-05	MW-45-2014-F	11/6/2014	11:25	Tetrachloroethene	500	U	ug/L	500	100	SW846 8260B
240-44060-06	MW-46-2014-F	11/6/2014	12:00	Tetrachloroethene	330	U	ug/L	330	67	SW846 8260B
240-44060-07	MW-41-2014-F	11/6/2014	14:00	Tetrachloroethene	20	U	ug/L	20	4	SW846 8260B
240-44060-08	MW-42-2014-F	11/6/2014	14:30	Tetrachloroethene	22	U	ug/L	22	4.4	SW846 8260B
240-44060-09	MW-58-2014-F	11/6/2014	15:15	Tetrachloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44060-10	MW-59-2014-F	11/6/2014	15:40	Tetrachloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44060-11	TRIP BLANKS	11/6/2014	0:00	Tetrachloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44061-01	MW-55-2014-F	11/6/2014	8:15	Tetrachloroethene	71	U	ug/L	71	14	SW846 8260B
240-44061-02	MW-56-2014-F	11/6/2014	9:00	Tetrachloroethene	67	U	ug/L	67	13	SW846 8260B
240-44061-03	MW-49-2014-F	11/6/2014	10:25	Tetrachloroethene	17	U	ug/L	17	3.3	SW846 8260B
240-44061-04	MW-50-2014-F	11/6/2014	11:55	Tetrachloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44061-05	FD-201-2014-F	11/6/2014	12:00	Tetrachloroethene	13	U	ug/L	13	2.5	SW846 8260B
240-44061-06	MW-43-2014-F	11/6/2014	12:45	Tetrachloroethene	13	U	ug/L	13	2.5	SW846 8260B
240-44061-07	MW-44-2014-F	11/6/2014	13:45	Tetrachloroethene	5	U	ug/L	5	1	SW846 8260B
240-44061-08	MW-14-2014-F	11/6/2014	14:50	Tetrachloroethene	33	U	ug/L	33	6.7	SW846 8260B
240-44061-09	FB-301-2014-F	11/6/2014	15:00	Tetrachloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44061-10	MW-57-2014-F	11/6/2014	15:20	Tetrachloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44061-11	TRIP BLANKS	11/6/2014	0:00	Tetrachloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44149-01	SW-17-2014-F	11/7/2014	9:20	Tetrachloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44149-02	SW-9-2014-F	11/7/2014	9:00	Tetrachloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44149-03	SW-19-2014-F	11/7/2014	9:40	Tetrachloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44149-04	SW-12-2014-F	11/7/2014	10:10	Tetrachloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44149-05	SW-22-2014-F	11/7/2014	9:55	Tetrachloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44149-06	FD-301-2014-F	11/7/2014	11:00	Tetrachloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44149-07	TRIP BLANK	11/7/2014	0:00	Tetrachloroethene	1	U	ug/L	1	0.2	SW846 8260B
240-44060-01	MW-52-2014-F	11/6/2014	8:05	Toluene	170	U	ug/L	170	37	SW846 8260B
240-44060-02	MW-51-2014-F	11/6/2014	8:40	Toluene	140	U	ug/L	140	31	SW846 8260B
240-44060-03	MW-48-2014-F	11/6/2014	9:47	Toluene	250	U	ug/L	250	55	SW846 8260B
240-44060-04	MW-47-2014-F	11/6/2014	10:15	Toluene	1	U	ug/L	1	0.22	SW846 8260B
240-44060-05	MW-45-2014-F	11/6/2014	11:25	Toluene	500	U	ug/L	500	110	SW846 8260B
240-44060-06	MW-46-2014-F	11/6/2014	12:00	Toluene	330	U	ug/L	330	73	SW846 8260B
240-44060-07	MW-41-2014-F	11/6/2014	14:00	Toluene	20	U	ug/L	20	4.4	SW846 8260B
240-44060-08	MW-42-2014-F	11/6/2014	14:30	Toluene	22	U	ug/L	22	4.9	SW846 8260B
240-44060-09	MW-58-2014-F	11/6/2014	15:15	Toluene	1	U	ug/L	1	0.22	SW846 8260B
240-44060-10	MW-59-2014-F	11/6/2014	15:40	Toluene	1	U	ug/L	1	0.22	SW846 8260B

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, November 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	Q	UNITS	PQL	MDL	METHOD
240-44060-11	TRIP BLANKS	11/6/2014	0:00	Toluene	1	U	ug/L	1	0.22	SW846 8260B
240-44061-01	MW-55-2014-F	11/6/2014	8:15	Toluene	71	U	ug/L	71	16	SW846 8260B
240-44061-02	MW-56-2014-F	11/6/2014	9:00	Toluene	67	U	ug/L	67	15	SW846 8260B
240-44061-03	MW-49-2014-F	11/6/2014	10:25	Toluene	17	U	ug/L	17	3.7	SW846 8260B
240-44061-04	MW-50-2014-F	11/6/2014	11:55	Toluene	1	U	ug/L	1	0.22	SW846 8260B
240-44061-05	FD-201-2014-F	11/6/2014	12:00	Toluene	13	U	ug/L	13	2.8	SW846 8260B
240-44061-06	MW-43-2014-F	11/6/2014	12:45	Toluene	13	U	ug/L	13	2.8	SW846 8260B
240-44061-07	MW-44-2014-F	11/6/2014	13:45	Toluene	5	U	ug/L	5	1.1	SW846 8260B
240-44061-08	MW-14-2014-F	11/6/2014	14:50	Toluene	33	U	ug/L	33	7.3	SW846 8260B
240-44061-09	FB-301-2014-F	11/6/2014	15:00	Toluene	1	U	ug/L	1	0.22	SW846 8260B
240-44061-10	MW-57-2014-F	11/6/2014	15:20	Toluene	1	U	ug/L	1	0.22	SW846 8260B
240-44061-11	TRIP BLANKS	11/6/2014	0:00	Toluene	1	U	ug/L	1	0.22	SW846 8260B
240-44149-01	SW-17-2014-F	11/7/2014	9:20	Toluene	1	U	ug/L	1	0.22	SW846 8260B
240-44149-02	SW-9-2014-F	11/7/2014	9:00	Toluene	1	U	ug/L	1	0.22	SW846 8260B
240-44149-03	SW-19-2014-F	11/7/2014	9:40	Toluene	1	U	ug/L	1	0.22	SW846 8260B
240-44149-04	SW-12-2014-F	11/7/2014	10:10	Toluene	1	U	ug/L	1	0.22	SW846 8260B
240-44149-05	SW-22-2014-F	11/7/2014	9:55	Toluene	1	U	ug/L	1	0.22	SW846 8260B
240-44149-06	FD-301-2014-F	11/7/2014	11:00	Toluene	1	U	ug/L	1	0.22	SW846 8260B
240-44149-07	TRIP BLANK	11/7/2014	0:00	Toluene	1	U	ug/L	1	0.22	SW846 8260B
240-44060-01	MW-52-2014-F	11/6/2014	8:05	Total Organic Carbon	1	U	mg/L	1	0.26	SW846 9060
240-44060-02	MW-51-2014-F	11/6/2014	8:40	Total Organic Carbon	1	U	mg/L	1	0.26	SW846 9060
240-44060-05	MW-45-2014-F	11/6/2014	11:25	Total Organic Carbon	1		mg/L	1	0.26	SW846 9060
240-44060-06	MW-46-2014-F	11/6/2014	12:00	Total Organic Carbon	1	U	mg/L	1	0.26	SW846 9060
240-44060-10	MW-59-2014-F	11/6/2014	15:40	Total Organic Carbon	1	U	mg/L	1	0.26	SW846 9060
240-44061-02	MW-56-2014-F	11/6/2014	9:00	Total Organic Carbon	1	U	mg/L	1	0.26	SW846 9060
240-44060-01	MW-52-2014-F	11/6/2014	8:05	Trichloroethene	2900		ug/L	170	25	SW846 8260B
240-44060-02	MW-51-2014-F	11/6/2014	8:40	Trichloroethene	4100		ug/L	140	21	SW846 8260B
240-44060-03	MW-48-2014-F	11/6/2014	9:47	Trichloroethene	6100		ug/L	250	38	SW846 8260B
240-44060-04	MW-47-2014-F	11/6/2014	10:15	Trichloroethene	2.3		ug/L	1	0.15	SW846 8260B
240-44060-05	MW-45-2014-F	11/6/2014	11:25	Trichloroethene	10000		ug/L	500	75	SW846 8260B
240-44060-06	MW-46-2014-F	11/6/2014	12:00	Trichloroethene	7400		ug/L	330	50	SW846 8260B
240-44060-07	MW-41-2014-F	11/6/2014	14:00	Trichloroethene	20	U	ug/L	20	3	SW846 8260B
240-44060-08	MW-42-2014-F	11/6/2014	14:30	Trichloroethene	22	U	ug/L	22	3.3	SW846 8260B
240-44060-09	MW-58-2014-F	11/6/2014	15:15	Trichloroethene	28		ug/L	1	0.15	SW846 8260B
240-44060-10	MW-59-2014-F	11/6/2014	15:40	Trichloroethene	2.9		ug/L	1	0.15	SW846 8260B
240-44060-11	TRIP BLANKS	11/6/2014	0:00	Trichloroethene	1	U	ug/L	1	0.15	SW846 8260B

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, November 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	Q	UNITS	PQL	MDL	METHOD
240-44061-01	MW-55-2014-F	11/6/2014	8:15	Trichloroethene	2600		ug/L	71	11	SW846 8260B
240-44061-02	MW-56-2014-F	11/6/2014	9:00	Trichloroethene	2300		ug/L	67	10	SW846 8260B
240-44061-03	MW-49-2014-F	11/6/2014	10:25	Trichloroethene	17	U	ug/L	17	2.5	SW846 8260B
240-44061-04	MW-50-2014-F	11/6/2014	11:55	Trichloroethene	11		ug/L	1	0.15	SW846 8260B
240-44061-05	FD-201-2014-F	11/6/2014	12:00	Trichloroethene	13	U	ug/L	13	1.9	SW846 8260B
240-44061-06	MW-43-2014-F	11/6/2014	12:45	Trichloroethene	13	U	ug/L	13	1.9	SW846 8260B
240-44061-07	MW-44-2014-F	11/6/2014	13:45	Trichloroethene	5	U	ug/L	5	0.75	SW846 8260B
240-44061-08	MW-14-2014-F	11/6/2014	14:50	Trichloroethene	1000		ug/L	33	5	SW846 8260B
240-44061-09	FB-301-2014-F	11/6/2014	15:00	Trichloroethene	1	U	ug/L	1	0.15	SW846 8260B
240-44061-10	MW-57-2014-F	11/6/2014	15:20	Trichloroethene	5.3		ug/L	1	0.15	SW846 8260B
240-44061-11	TRIP BLANKS	11/6/2014	0:00	Trichloroethene	1	U	ug/L	1	0.15	SW846 8260B
240-44149-01	SW-17-2014-F	11/7/2014	9:20	Trichloroethene	3.8		ug/L	1	0.15	SW846 8260B
240-44149-02	SW-9-2014-F	11/7/2014	9:00	Trichloroethene	5.5		ug/L	1	0.15	SW846 8260B
240-44149-03	SW-19-2014-F	11/7/2014	9:40	Trichloroethene	5.1		ug/L	1	0.15	SW846 8260B
240-44149-04	SW-12-2014-F	11/7/2014	10:10	Trichloroethene	2.2		ug/L	1	0.15	SW846 8260B
240-44149-05	SW-22-2014-F	11/7/2014	9:55	Trichloroethene	1	U	ug/L	1	0.15	SW846 8260B
240-44149-06	FD-301-2014-F	11/7/2014	11:00	Trichloroethene	5.2		ug/L	1	0.15	SW846 8260B
240-44149-07	TRIP BLANK	11/7/2014	0:00	Trichloroethene	1	U	ug/L	1	0.15	SW846 8260B
240-44060-01	MW-52-2014-F	11/6/2014	8:05	Vinyl chloride	170	U	ug/L	170	48	SW846 8260B
240-44060-02	MW-51-2014-F	11/6/2014	8:40	Vinyl chloride	140	U	ug/L	140	41	SW846 8260B
240-44060-03	MW-48-2014-F	11/6/2014	9:47	Vinyl chloride	280		ug/L	250	73	SW846 8260B
240-44060-04	MW-47-2014-F	11/6/2014	10:15	Vinyl chloride	11		ug/L	1	0.29	SW846 8260B
240-44060-05	MW-45-2014-F	11/6/2014	11:25	Vinyl chloride	1600		ug/L	500	150	SW846 8260B
240-44060-06	MW-46-2014-F	11/6/2014	12:00	Vinyl chloride	330	U	ug/L	330	97	SW846 8260B
240-44060-07	MW-41-2014-F	11/6/2014	14:00	Vinyl chloride	180		ug/L	20	5.8	SW846 8260B
240-44060-08	MW-42-2014-F	11/6/2014	14:30	Vinyl chloride	650		ug/L	22	6.4	SW846 8260B
240-44060-09	MW-58-2014-F	11/6/2014	15:15	Vinyl chloride	1	U	ug/L	1	0.29	SW846 8260B
240-44060-10	MW-59-2014-F	11/6/2014	15:40	Vinyl chloride	1	U	ug/L	1	0.29	SW846 8260B
240-44060-11	TRIP BLANKS	11/6/2014	0:00	Vinyl chloride	1	U	ug/L	1	0.29	SW846 8260B
240-44061-01	MW-55-2014-F	11/6/2014	8:15	Vinyl chloride	71	U	ug/L	71	21	SW846 8260B
240-44061-02	MW-56-2014-F	11/6/2014	9:00	Vinyl chloride	67	U	ug/L	67	19	SW846 8260B
240-44061-03	MW-49-2014-F	11/6/2014	10:25	Vinyl chloride	400		ug/L	17	4.8	SW846 8260B
240-44061-04	MW-50-2014-F	11/6/2014	11:55	Vinyl chloride	21		ug/L	1	0.29	SW846 8260B
240-44061-05	FD-201-2014-F	11/6/2014	12:00	Vinyl chloride	90		ug/L	13	3.6	SW846 8260B
240-44061-06	MW-43-2014-F	11/6/2014	12:45	Vinyl chloride	96		ug/L	13	3.6	SW846 8260B
240-44061-07	MW-44-2014-F	11/6/2014	13:45	Vinyl chloride	71		ug/L	5	1.5	SW846 8260B

Table 2: Analytical Results for the Grenada, Mississippi Sampling Event, November 2014

LAB SAMPLE ID	CLIENT ID	SAMPLE DATE	SAMPLE TIME	PARAMETER	RESULT	Q	UNITS	PQL	MDL	METHOD
240-44061-08	MW-14-2014-F	11/6/2014	14:50	Vinyl chloride	33	U	ug/L	33	9.7	SW846 8260B
240-44061-09	FB-301-2014-F	11/6/2014	15:00	Vinyl chloride	1	U	ug/L	1	0.29	SW846 8260B
240-44061-10	MW-57-2014-F	11/6/2014	15:20	Vinyl chloride	5.5		ug/L	1	0.29	SW846 8260B
240-44061-11	TRIP BLANKS	11/6/2014	0:00	Vinyl chloride	1	U	ug/L	1	0.29	SW846 8260B
240-44149-01	SW-17-2014-F	11/7/2014	9:20	Vinyl chloride	2.7		ug/L	1	0.29	SW846 8260B
240-44149-02	SW-9-2014-F	11/7/2014	9:00	Vinyl chloride	3.8		ug/L	1	0.29	SW846 8260B
240-44149-03	SW-19-2014-F	11/7/2014	9:40	Vinyl chloride	3.3		ug/L	1	0.29	SW846 8260B
240-44149-04	SW-12-2014-F	11/7/2014	10:10	Vinyl chloride	1	U	ug/L	1	0.29	SW846 8260B
240-44149-05	SW-22-2014-F	11/7/2014	9:55	Vinyl chloride	1	U	ug/L	1	0.29	SW846 8260B
240-44149-06	FD-301-2014-F	11/7/2014	11:00	Vinyl chloride	3.2		ug/L	1	0.29	SW846 8260B
240-44149-07	TRIP BLANK	11/7/2014	0:00	Vinyl chloride	1	U	ug/L	1	0.29	SW846 8260B

## Fall 2014 Laboratory Reports



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-44060-1

Client Project/Site: Meritor Grenada

For:

T&M Associates

4675 Lakehurst Court

Suite 250

Columbus, Ohio 43016

Attn: Jim Peeples



Authorized for release by:

11/20/2014 6:13:07 PM

Patrick O'Meara, Manager of Project Management

(330)966-5725

[patrick.omeara@testamericainc.com](mailto:patrick.omeara@testamericainc.com)

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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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## Definitions/Glossary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

**Job ID: 240-44060-1**

**Laboratory: TestAmerica Canton**

**Narrative**

## CASE NARRATIVE

**Client: T&M Associates**

**Project: Meritor Grenada**

**Report Number: 240-44060-1**

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

### **RECEIPT**

The samples were received on 11/7/2014 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.2° C.

### **VOLATILE ORGANIC COMPOUNDS (GCMS)**

Samples MW-52-2014-F (240-44060-1), MW-51-2014-F (240-44060-2), MW-48-2014-F (240-44060-3), MW-47-2014-F (240-44060-4), MW-45-2014-F (240-44060-5), MW-46-2014-F (240-44060-6), MW-41-2014-F (240-44060-7), MW-42-2014-F (240-44060-8), MW-58-2014-F (240-44060-9), MW-59-2014-F (240-44060-10) and TRIP BLANKS (240-44060-11) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/18/2014 and 11/19/2014.

Samples MW-52-2014-F (240-44060-1)[166.67X], MW-51-2014-F (240-44060-2)[142.86X], MW-48-2014-F (240-44060-3)[250X], MW-45-2014-F (240-44060-5)[500X], MW-46-2014-F (240-44060-6)[333.33X], MW-41-2014-F (240-44060-7)[20X] and MW-42-2014-F (240-44060-8)[22.22X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

### **TOTAL RECOVERABLE METALS (ICP)**

Samples MW-52-2014-F (240-44060-1), MW-51-2014-F (240-44060-2), MW-48-2014-F (240-44060-3), MW-47-2014-F (240-44060-4), MW-45-2014-F (240-44060-5), MW-46-2014-F (240-44060-6), MW-41-2014-F (240-44060-7), MW-42-2014-F (240-44060-8), MW-58-2014-F (240-44060-9) and MW-59-2014-F (240-44060-10) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 11/10/2014 and 11/12/2014 and analyzed on 11/11/2014 and 11/13/2014.

# Case Narrative

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

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## Job ID: 240-44060-1 (Continued)

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### Laboratory: TestAmerica Canton (Continued)

Lead was detected in method blank MB 240-156250/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### HEXAVALENT CHROMIUM

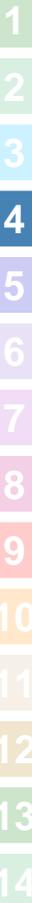
Samples MW-52-2014-F (240-44060-1), MW-51-2014-F (240-44060-2), MW-48-2014-F (240-44060-3), MW-47-2014-F (240-44060-4), MW-45-2014-F (240-44060-5), MW-46-2014-F (240-44060-6), MW-41-2014-F (240-44060-7), MW-42-2014-F (240-44060-8), MW-58-2014-F (240-44060-9) and MW-59-2014-F (240-44060-10) were analyzed for hexavalent chromium in accordance with EPA SW-846 Method 7196A. The samples were analyzed on 11/07/2014.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### TOTAL ORGANIC CARBON

Samples MW-52-2014-F (240-44060-1), MW-51-2014-F (240-44060-2), MW-45-2014-F (240-44060-5), MW-46-2014-F (240-44060-6) and MW-59-2014-F (240-44060-10) were analyzed for total organic carbon in accordance with EPA SW-846 Method 9060. The samples were analyzed on 11/08/2014.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.



# Method Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

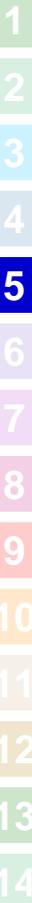
Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
6010B	Metals (ICP)	SW846	TAL CAN
7196A	Chromium, Hexavalent	SW846	TAL CAN
9060	Organic Carbon, Total (TOC)	SW846	TAL CAN

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

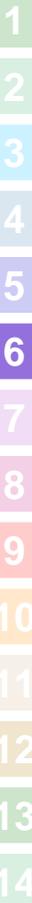


# Sample Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-44060-1	MW-52-2014-F	Water	11/06/14 08:05	11/07/14 08:00
240-44060-2	MW-51-2014-F	Water	11/06/14 08:40	11/07/14 08:00
240-44060-3	MW-48-2014-F	Water	11/06/14 09:47	11/07/14 08:00
240-44060-4	MW-47-2014-F	Water	11/06/14 10:15	11/07/14 08:00
240-44060-5	MW-45-2014-F	Water	11/06/14 11:25	11/07/14 08:00
240-44060-6	MW-46-2014-F	Water	11/06/14 12:00	11/07/14 08:00
240-44060-7	MW-41-2014-F	Water	11/06/14 14:00	11/07/14 08:00
240-44060-8	MW-42-2014-F	Water	11/06/14 14:30	11/07/14 08:00
240-44060-9	MW-58-2014-F	Water	11/06/14 15:15	11/07/14 08:00
240-44060-10	MW-59-2014-F	Water	11/06/14 15:40	11/07/14 08:00
240-44060-11	TRIP BLANKS	Water	11/06/14 00:00	11/07/14 08:00



# Detection Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

## Client Sample ID: MW-52-2014-F

Lab Sample ID: 240-44060-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	560		170		ug/L	166.67		8260B	Total/NA
Trichloroethene	2900		170		ug/L	166.67		8260B	Total/NA
Chromium	39		5.0		ug/L	1		6010B	Total Recoverable
Cr (VI)	0.036		0.020		mg/L	1		7196A	Total/NA

## Client Sample ID: MW-51-2014-F

Lab Sample ID: 240-44060-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	910		140		ug/L	142.86		8260B	Total/NA
Trichloroethene	4100		140		ug/L	142.86		8260B	Total/NA
Chromium	5.0		5.0		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-48-2014-F

Lab Sample ID: 240-44060-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2500		250		ug/L	250		8260B	Total/NA
Trichloroethene	6100		250		ug/L	250		8260B	Total/NA
Vinyl chloride	280		250		ug/L	250		8260B	Total/NA
Arsenic	64		10		ug/L	1		6010B	Total Recoverable

## Client Sample ID: MW-47-2014-F

Lab Sample ID: 240-44060-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	24		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	2.3		1.0		ug/L	1		8260B	Total/NA
Vinyl chloride	11		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: MW-45-2014-F

Lab Sample ID: 240-44060-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	11000		500		ug/L	500		8260B	Total/NA
Trichloroethene	10000		500		ug/L	500		8260B	Total/NA
Vinyl chloride	1600		500		ug/L	500		8260B	Total/NA
Chromium	190		5.0		ug/L	1		6010B	Total Recoverable
Cr (VI)	0.19		0.020		mg/L	1		7196A	Total/NA
Total Organic Carbon	1.0		1.0		mg/L	1		9060	Total/NA

## Client Sample ID: MW-46-2014-F

Lab Sample ID: 240-44060-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3000		330		ug/L	333.33		8260B	Total/NA
Trichloroethene	7400		330		ug/L	333.33		8260B	Total/NA

## Client Sample ID: MW-41-2014-F

Lab Sample ID: 240-44060-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	580		20		ug/L	20		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

## Client Sample ID: MW-41-2014-F (Continued)

Lab Sample ID: 240-44060-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	180		20		ug/L	20		8260B	Total/NA

## Client Sample ID: MW-42-2014-F

Lab Sample ID: 240-44060-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	350		22		ug/L	22.22		8260B	Total/NA
Vinyl chloride	650		22		ug/L	22.22		8260B	Total/NA

## Client Sample ID: MW-58-2014-F

Lab Sample ID: 240-44060-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	35		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	28		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: MW-59-2014-F

Lab Sample ID: 240-44060-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	2.9		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: TRIP BLANKS

Lab Sample ID: 240-44060-11

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

**Client Sample ID: MW-52-2014-F**

**Lab Sample ID: 240-44060-1**

**Date Collected: 11/06/14 08:05**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		170		ug/L			11/18/14 18:33	166.67
1,1-Dichloroethene	ND		170		ug/L			11/18/14 18:33	166.67
1,2-Dichloroethane	ND		170		ug/L			11/18/14 18:33	166.67
Benzene	ND		170		ug/L			11/18/14 18:33	166.67
<b>cis-1,2-Dichloroethene</b>	<b>560</b>		170		ug/L			11/18/14 18:33	166.67
Tetrachloroethene	ND		170		ug/L			11/18/14 18:33	166.67
Toluene	ND		170		ug/L			11/18/14 18:33	166.67
<b>Trichloroethene</b>	<b>2900</b>		170		ug/L			11/18/14 18:33	166.67
Vinyl chloride	ND		170		ug/L			11/18/14 18:33	166.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		63 - 129		11/18/14 18:33	166.67
4-Bromofluorobenzene (Surr)	107		66 - 120		11/18/14 18:33	166.67
Toluene-d8 (Surr)	115		74 - 120		11/18/14 18:33	166.67
Dibromofluoromethane (Surr)	112		75 - 121		11/18/14 18:33	166.67

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/12/14 12:04	11/13/14 13:38	1
<b>Chromium</b>	<b>39</b>		5.0		ug/L		11/12/14 12:04	11/13/14 13:38	1
Lead	ND		3.0		ug/L		11/12/14 12:04	11/13/14 13:38	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Cr (VI)</b>	<b>0.036</b>		0.020		mg/L			11/07/14 08:20	1
Total Organic Carbon	ND		1.0		mg/L			11/08/14 18:15	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

**Client Sample ID: MW-51-2014-F**

**Lab Sample ID: 240-44060-2**

**Date Collected: 11/06/14 08:40**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		140		ug/L			11/18/14 18:55	142.86
1,1-Dichloroethene	ND		140		ug/L			11/18/14 18:55	142.86
1,2-Dichloroethane	ND		140		ug/L			11/18/14 18:55	142.86
Benzene	ND		140		ug/L			11/18/14 18:55	142.86
<b>cis-1,2-Dichloroethene</b>	<b>910</b>		140		ug/L			11/18/14 18:55	142.86
Tetrachloroethene	ND		140		ug/L			11/18/14 18:55	142.86
Toluene	ND		140		ug/L			11/18/14 18:55	142.86
<b>Trichloroethene</b>	<b>4100</b>		140		ug/L			11/18/14 18:55	142.86
Vinyl chloride	ND		140		ug/L			11/18/14 18:55	142.86

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		63 - 129		11/18/14 18:55	142.86
4-Bromofluorobenzene (Surr)	100		66 - 120		11/18/14 18:55	142.86
Toluene-d8 (Surr)	111		74 - 120		11/18/14 18:55	142.86
Dibromofluoromethane (Surr)	106		75 - 121		11/18/14 18:55	142.86

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/10/14 10:07	11/11/14 17:52	1
<b>Chromium</b>	<b>5.0</b>		5.0		ug/L		11/10/14 10:07	11/11/14 17:52	1
Lead	ND		3.0		ug/L		11/10/14 10:07	11/11/14 17:52	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 08:22	1
Total Organic Carbon	ND		1.0		mg/L			11/08/14 18:40	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

**Client Sample ID: MW-48-2014-F**

**Lab Sample ID: 240-44060-3**

**Date Collected: 11/06/14 09:47**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		250		ug/L			11/19/14 21:19	250
1,1-Dichloroethene	ND		250		ug/L			11/19/14 21:19	250
1,2-Dichloroethane	ND		250		ug/L			11/19/14 21:19	250
Benzene	ND		250		ug/L			11/19/14 21:19	250
<b>cis-1,2-Dichloroethene</b>	<b>2500</b>		250		ug/L			11/19/14 21:19	250
Tetrachloroethene	ND		250		ug/L			11/19/14 21:19	250
Toluene	ND		250		ug/L			11/19/14 21:19	250
<b>Trichloroethene</b>	<b>6100</b>		250		ug/L			11/19/14 21:19	250
<b>Vinyl chloride</b>	<b>280</b>		250		ug/L			11/19/14 21:19	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	80		63 - 129		11/19/14 21:19	250
4-Bromofluorobenzene (Surr)	83		66 - 120		11/19/14 21:19	250
Toluene-d8 (Surr)	93		74 - 120		11/19/14 21:19	250
Dibromofluoromethane (Surr)	91		75 - 121		11/19/14 21:19	250

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Arsenic</b>	<b>64</b>		10		ug/L		11/10/14 10:07	11/11/14 17:56	1
Chromium	ND		5.0		ug/L		11/10/14 10:07	11/11/14 17:56	1
Lead	ND		3.0		ug/L		11/10/14 10:07	11/11/14 17:56	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 08:22	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

**Client Sample ID: MW-47-2014-F**

**Lab Sample ID: 240-44060-4**

**Date Collected: 11/06/14 10:15**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/19/14 21:41	1
1,1-Dichloroethene	ND		1.0		ug/L			11/19/14 21:41	1
1,2-Dichloroethane	ND		1.0		ug/L			11/19/14 21:41	1
Benzene	ND		1.0		ug/L			11/19/14 21:41	1
<b>cis-1,2-Dichloroethene</b>	<b>24</b>		1.0		ug/L			11/19/14 21:41	1
Tetrachloroethene	ND		1.0		ug/L			11/19/14 21:41	1
Toluene	ND		1.0		ug/L			11/19/14 21:41	1
<b>Trichloroethene</b>	<b>2.3</b>		1.0		ug/L			11/19/14 21:41	1
<b>Vinyl chloride</b>	<b>11</b>		1.0		ug/L			11/19/14 21:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		63 - 129		11/19/14 21:41	1
4-Bromofluorobenzene (Surr)	83		66 - 120		11/19/14 21:41	1
Toluene-d8 (Surr)	87		74 - 120		11/19/14 21:41	1
Dibromofluoromethane (Surr)	91		75 - 121		11/19/14 21:41	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/10/14 10:07	11/11/14 18:00	1
Chromium	ND		5.0		ug/L		11/10/14 10:07	11/11/14 18:00	1
Lead	ND		3.0		ug/L		11/10/14 10:07	11/11/14 18:00	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 09:08	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

**Client Sample ID: MW-45-2014-F**

**Lab Sample ID: 240-44060-5**

**Date Collected: 11/06/14 11:25**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		500		ug/L			11/19/14 15:39	500
1,1-Dichloroethene	ND		500		ug/L			11/19/14 15:39	500
1,2-Dichloroethane	ND		500		ug/L			11/19/14 15:39	500
Benzene	ND		500		ug/L			11/19/14 15:39	500
<b>cis-1,2-Dichloroethene</b>	<b>11000</b>		500		ug/L			11/19/14 15:39	500
Tetrachloroethene	ND		500		ug/L			11/19/14 15:39	500
Toluene	ND		500		ug/L			11/19/14 15:39	500
<b>Trichloroethene</b>	<b>10000</b>		500		ug/L			11/19/14 15:39	500
<b>Vinyl chloride</b>	<b>1600</b>		500		ug/L			11/19/14 15:39	500
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	81		63 - 129					11/19/14 15:39	500
4-Bromofluorobenzene (Surr)	84		66 - 120					11/19/14 15:39	500
Toluene-d8 (Surr)	90		74 - 120					11/19/14 15:39	500
Dibromofluoromethane (Surr)	88		75 - 121					11/19/14 15:39	500

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/10/14 10:07	11/11/14 18:04	1
<b>Chromium</b>	<b>190</b>		5.0		ug/L		11/10/14 10:07	11/11/14 18:04	1
Lead	ND		3.0		ug/L		11/10/14 10:07	11/11/14 18:04	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Cr (VI)</b>	<b>0.19</b>		0.020		mg/L			11/07/14 09:07	1
<b>Total Organic Carbon</b>	<b>1.0</b>		1.0		mg/L			11/08/14 19:06	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

**Client Sample ID: MW-46-2014-F**

**Lab Sample ID: 240-44060-6**

**Date Collected: 11/06/14 12:00**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		330		ug/L			11/19/14 14:54	333.33
1,1-Dichloroethene	ND		330		ug/L			11/19/14 14:54	333.33
1,2-Dichloroethane	ND		330		ug/L			11/19/14 14:54	333.33
Benzene	ND		330		ug/L			11/19/14 14:54	333.33
<b>cis-1,2-Dichloroethene</b>	<b>3000</b>		330		ug/L			11/19/14 14:54	333.33
Tetrachloroethene	ND		330		ug/L			11/19/14 14:54	333.33
Toluene	ND		330		ug/L			11/19/14 14:54	333.33
<b>Trichloroethene</b>	<b>7400</b>		330		ug/L			11/19/14 14:54	333.33
Vinyl chloride	ND		330		ug/L			11/19/14 14:54	333.33

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		63 - 129		11/19/14 14:54	333.33
4-Bromofluorobenzene (Surr)	83		66 - 120		11/19/14 14:54	333.33
Toluene-d8 (Surr)	91		74 - 120		11/19/14 14:54	333.33
Dibromofluoromethane (Surr)	88		75 - 121		11/19/14 14:54	333.33

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/10/14 10:07	11/11/14 18:08	1
Chromium	ND		5.0		ug/L		11/10/14 10:07	11/11/14 18:08	1
Lead	ND		3.0		ug/L		11/10/14 10:07	11/11/14 18:08	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 09:08	1
Total Organic Carbon	ND		1.0		mg/L			11/08/14 19:32	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

**Client Sample ID: MW-41-2014-F**

**Lab Sample ID: 240-44060-7**

**Date Collected: 11/06/14 14:00**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		20		ug/L			11/19/14 09:42	20
1,1-Dichloroethene	ND		20		ug/L			11/19/14 09:42	20
1,2-Dichloroethane	ND		20		ug/L			11/19/14 09:42	20
Benzene	ND		20		ug/L			11/19/14 09:42	20
<b>cis-1,2-Dichloroethene</b>	<b>580</b>		20		ug/L			11/19/14 09:42	20
Tetrachloroethene	ND		20		ug/L			11/19/14 09:42	20
Toluene	ND		20		ug/L			11/19/14 09:42	20
Trichloroethene	ND		20		ug/L			11/19/14 09:42	20
<b>Vinyl chloride</b>	<b>180</b>		20		ug/L			11/19/14 09:42	20
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	82		63 - 129					11/19/14 09:42	20
4-Bromofluorobenzene (Surr)	87		66 - 120					11/19/14 09:42	20
Toluene-d8 (Surr)	91		74 - 120					11/19/14 09:42	20
Dibromofluoromethane (Surr)	91		75 - 121					11/19/14 09:42	20

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/10/14 10:07	11/11/14 18:12	1
Chromium	ND		5.0		ug/L		11/10/14 10:07	11/11/14 18:12	1
Lead	ND		3.0		ug/L		11/10/14 10:07	11/11/14 18:12	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 09:07	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

**Client Sample ID: MW-42-2014-F**

**Lab Sample ID: 240-44060-8**

**Date Collected: 11/06/14 14:30**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		22		ug/L			11/19/14 14:32	22.22
1,1-Dichloroethene	ND		22		ug/L			11/19/14 14:32	22.22
1,2-Dichloroethane	ND		22		ug/L			11/19/14 14:32	22.22
Benzene	ND		22		ug/L			11/19/14 14:32	22.22
<b>cis-1,2-Dichloroethene</b>	<b>350</b>		22		ug/L			11/19/14 14:32	22.22
Tetrachloroethene	ND		22		ug/L			11/19/14 14:32	22.22
Toluene	ND		22		ug/L			11/19/14 14:32	22.22
Trichloroethene	ND		22		ug/L			11/19/14 14:32	22.22
<b>Vinyl chloride</b>	<b>650</b>		22		ug/L			11/19/14 14:32	22.22

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		63 - 129		11/19/14 14:32	22.22
4-Bromofluorobenzene (Surr)	82		66 - 120		11/19/14 14:32	22.22
Toluene-d8 (Surr)	88		74 - 120		11/19/14 14:32	22.22
Dibromofluoromethane (Surr)	90		75 - 121		11/19/14 14:32	22.22

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/10/14 10:07	11/11/14 18:25	1
Chromium	ND		5.0		ug/L		11/10/14 10:07	11/11/14 18:25	1
Lead	ND		3.0		ug/L		11/10/14 10:07	11/11/14 18:25	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 09:08	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

**Client Sample ID: MW-58-2014-F**

**Lab Sample ID: 240-44060-9**

**Date Collected: 11/06/14 15:15**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/19/14 10:05	1
1,1-Dichloroethene	ND		1.0		ug/L			11/19/14 10:05	1
1,2-Dichloroethane	ND		1.0		ug/L			11/19/14 10:05	1
Benzene	ND		1.0		ug/L			11/19/14 10:05	1
<b>cis-1,2-Dichloroethene</b>	<b>35</b>		1.0		ug/L			11/19/14 10:05	1
Tetrachloroethene	ND		1.0		ug/L			11/19/14 10:05	1
Toluene	ND		1.0		ug/L			11/19/14 10:05	1
<b>Trichloroethene</b>	<b>28</b>		1.0		ug/L			11/19/14 10:05	1
Vinyl chloride	ND		1.0		ug/L			11/19/14 10:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		63 - 129		11/19/14 10:05	1
4-Bromofluorobenzene (Surr)	84		66 - 120		11/19/14 10:05	1
Toluene-d8 (Surr)	92		74 - 120		11/19/14 10:05	1
Dibromofluoromethane (Surr)	91		75 - 121		11/19/14 10:05	1

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/10/14 10:07	11/11/14 18:29	1
Chromium	ND		5.0		ug/L		11/10/14 10:07	11/11/14 18:29	1
Lead	ND		3.0		ug/L		11/10/14 10:07	11/11/14 18:29	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 09:09	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

**Client Sample ID: MW-59-2014-F**

**Lab Sample ID: 240-44060-10**

**Date Collected: 11/06/14 15:40**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/19/14 10:28	1
1,1-Dichloroethene	ND		1.0		ug/L			11/19/14 10:28	1
1,2-Dichloroethane	ND		1.0		ug/L			11/19/14 10:28	1
Benzene	ND		1.0		ug/L			11/19/14 10:28	1
<b>cis-1,2-Dichloroethene</b>	<b>1.1</b>		1.0		ug/L			11/19/14 10:28	1
Tetrachloroethene	ND		1.0		ug/L			11/19/14 10:28	1
Toluene	ND		1.0		ug/L			11/19/14 10:28	1
<b>Trichloroethene</b>	<b>2.9</b>		1.0		ug/L			11/19/14 10:28	1
Vinyl chloride	ND		1.0		ug/L			11/19/14 10:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		63 - 129		11/19/14 10:28	1
4-Bromofluorobenzene (Surr)	83		66 - 120		11/19/14 10:28	1
Toluene-d8 (Surr)	89		74 - 120		11/19/14 10:28	1
Dibromofluoromethane (Surr)	91		75 - 121		11/19/14 10:28	1

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/10/14 10:07	11/11/14 18:33	1
Chromium	ND		5.0		ug/L		11/10/14 10:07	11/11/14 18:33	1
Lead	ND		3.0		ug/L		11/10/14 10:07	11/11/14 18:33	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 09:07	1
Total Organic Carbon	ND		1.0		mg/L			11/08/14 19:57	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

**Client Sample ID: TRIP BLANKS**

**Lab Sample ID: 240-44060-11**

**Date Collected: 11/06/14 00:00**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/19/14 13:47	1
1,1-Dichloroethene	ND		1.0		ug/L			11/19/14 13:47	1
1,2-Dichloroethane	ND		1.0		ug/L			11/19/14 13:47	1
Benzene	ND		1.0		ug/L			11/19/14 13:47	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			11/19/14 13:47	1
Tetrachloroethene	ND		1.0		ug/L			11/19/14 13:47	1
Toluene	ND		1.0		ug/L			11/19/14 13:47	1
Trichloroethene	ND		1.0		ug/L			11/19/14 13:47	1
Vinyl chloride	ND		1.0		ug/L			11/19/14 13:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	79		63 - 129					11/19/14 13:47	1
4-Bromofluorobenzene (Surr)	84		66 - 120					11/19/14 13:47	1
Toluene-d8 (Surr)	90		74 - 120					11/19/14 13:47	1
Dibromofluoromethane (Surr)	83		75 - 121					11/19/14 13:47	1

# Surrogate Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-120)	TOL (74-120)	DBFM (75-121)
240-44060-1	MW-52-2014-F	119	107	115	112
240-44060-2	MW-51-2014-F	111	100	111	106
240-44060-3	MW-48-2014-F	80	83	93	91
240-44060-4	MW-47-2014-F	82	83	87	91
240-44060-5	MW-45-2014-F	81	84	90	88
240-44060-6	MW-46-2014-F	82	83	91	88
240-44060-7	MW-41-2014-F	82	87	91	91
240-44060-8	MW-42-2014-F	82	82	88	90
240-44060-9	MW-58-2014-F	83	84	92	91
240-44060-10	MW-59-2014-F	78	83	89	91
240-44060-11	TRIP BLANKS	79	84	90	83
LCS 240-157164/4	Lab Control Sample	100	103	103	97
LCS 240-157283/3	Lab Control Sample	78	87	90	91
LCS 240-157440/3	Lab Control Sample	79	87	92	91
MB 240-157164/5	Method Blank	110	107	109	106
MB 240-157283/5	Method Blank	77	84	90	88
MB 240-157440/5	Method Blank	81	84	89	89

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

# QC Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-157164/5**

**Matrix: Water**

**Analysis Batch: 157164**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/18/14 11:00	1
1,1-Dichloroethene	ND		1.0		ug/L			11/18/14 11:00	1
1,2-Dichloroethane	ND		1.0		ug/L			11/18/14 11:00	1
Benzene	ND		1.0		ug/L			11/18/14 11:00	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			11/18/14 11:00	1
Tetrachloroethene	ND		1.0		ug/L			11/18/14 11:00	1
Toluene	ND		1.0		ug/L			11/18/14 11:00	1
Trichloroethene	ND		1.0		ug/L			11/18/14 11:00	1
Vinyl chloride	ND		1.0		ug/L			11/18/14 11:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 129		11/18/14 11:00	1
4-Bromofluorobenzene (Surr)	107		66 - 120		11/18/14 11:00	1
Toluene-d8 (Surr)	109		74 - 120		11/18/14 11:00	1
Dibromofluoromethane (Surr)	106		75 - 121		11/18/14 11:00	1

**Lab Sample ID: LCS 240-157164/4**

**Matrix: Water**

**Analysis Batch: 157164**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	10.6		ug/L		106	80 - 120
1,1-Dichloroethene	10.0	8.59		ug/L		86	78 - 131
1,2-Dichloroethane	10.0	9.77		ug/L		98	71 - 127
Benzene	10.0	9.39		ug/L		94	80 - 120
cis-1,2-Dichloroethene	10.0	9.07		ug/L		91	80 - 120
Tetrachloroethene	10.0	9.98		ug/L		100	79 - 120
Toluene	10.0	9.98		ug/L		100	80 - 120
Trichloroethene	10.0	9.70		ug/L		97	76 - 120
Vinyl chloride	10.0	7.65		ug/L		77	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		63 - 129
4-Bromofluorobenzene (Surr)	103		66 - 120
Toluene-d8 (Surr)	103		74 - 120
Dibromofluoromethane (Surr)	97		75 - 121

**Lab Sample ID: MB 240-157283/5**

**Matrix: Water**

**Analysis Batch: 157283**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/19/14 00:30	1
1,1-Dichloroethene	ND		1.0		ug/L			11/19/14 00:30	1
1,2-Dichloroethane	ND		1.0		ug/L			11/19/14 00:30	1
Benzene	ND		1.0		ug/L			11/19/14 00:30	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			11/19/14 00:30	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-157283/5**

**Matrix: Water**

**Analysis Batch: 157283**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Tetrachloroethene	ND		1.0		ug/L			11/19/14 00:30	1
Toluene	ND		1.0		ug/L			11/19/14 00:30	1
Trichloroethene	ND		1.0		ug/L			11/19/14 00:30	1
Vinyl chloride	ND		1.0		ug/L			11/19/14 00:30	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	77		63 - 129		11/19/14 00:30	1
4-Bromofluorobenzene (Surr)	84		66 - 120		11/19/14 00:30	1
Toluene-d8 (Surr)	90		74 - 120		11/19/14 00:30	1
Dibromofluoromethane (Surr)	88		75 - 121		11/19/14 00:30	1

**Lab Sample ID: LCS 240-157283/3**

**Matrix: Water**

**Analysis Batch: 157283**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	8.75		ug/L		87	78 - 131
1,2-Dichloroethane	10.0	9.18		ug/L		92	71 - 127
Benzene	10.0	9.71		ug/L		97	80 - 120
cis-1,2-Dichloroethene	10.0	9.26		ug/L		93	80 - 120
Tetrachloroethene	10.0	9.19		ug/L		92	79 - 120
Toluene	10.0	9.03		ug/L		90	80 - 120
Trichloroethene	10.0	10.8		ug/L		108	76 - 120
Vinyl chloride	10.0	7.08		ug/L		71	53 - 127

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	78		63 - 129
4-Bromofluorobenzene (Surr)	87		66 - 120
Toluene-d8 (Surr)	90		74 - 120
Dibromofluoromethane (Surr)	91		75 - 121

**Lab Sample ID: MB 240-157440/5**

**Matrix: Water**

**Analysis Batch: 157440**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Trichloroethane	ND		1.0		ug/L			11/19/14 13:24	1
1,1-Dichloroethene	ND		1.0		ug/L			11/19/14 13:24	1
1,2-Dichloroethane	ND		1.0		ug/L			11/19/14 13:24	1
Benzene	ND		1.0		ug/L			11/19/14 13:24	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			11/19/14 13:24	1
Tetrachloroethene	ND		1.0		ug/L			11/19/14 13:24	1
Toluene	ND		1.0		ug/L			11/19/14 13:24	1
Trichloroethene	ND		1.0		ug/L			11/19/14 13:24	1
Vinyl chloride	ND		1.0		ug/L			11/19/14 13:24	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-157440/5**  
**Matrix: Water**  
**Analysis Batch: 157440**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	81		63 - 129		11/19/14 13:24	1
4-Bromofluorobenzene (Surr)	84		66 - 120		11/19/14 13:24	1
Toluene-d8 (Surr)	89		74 - 120		11/19/14 13:24	1
Dibromofluoromethane (Surr)	89		75 - 121		11/19/14 13:24	1

**Lab Sample ID: LCS 240-157440/3**  
**Matrix: Water**  
**Analysis Batch: 157440**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	10.0	9.23		ug/L		92	78 - 131
1,2-Dichloroethane	10.0	9.36		ug/L		94	71 - 127
Benzene	10.0	10.2		ug/L		102	80 - 120
cis-1,2-Dichloroethene	10.0	8.92		ug/L		89	80 - 120
Tetrachloroethene	10.0	9.91		ug/L		99	79 - 120
Toluene	10.0	9.69		ug/L		97	80 - 120
Trichloroethene	10.0	11.8		ug/L		118	76 - 120
Vinyl chloride	10.0	7.16		ug/L		72	53 - 127

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	79		63 - 129
4-Bromofluorobenzene (Surr)	87		66 - 120
Toluene-d8 (Surr)	92		74 - 120
Dibromofluoromethane (Surr)	91		75 - 121

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 240-155799/1-A**  
**Matrix: Water**  
**Analysis Batch: 156149**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 155799**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	ND		10		ug/L		11/10/14 10:07	11/11/14 16:59	1
Chromium	ND		5.0		ug/L		11/10/14 10:07	11/11/14 16:59	1
Lead	ND		3.0		ug/L		11/10/14 10:07	11/11/14 16:59	1

**Lab Sample ID: LCS 240-155799/2-A**  
**Matrix: Water**  
**Analysis Batch: 156149**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 155799**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	200	200		ug/L		100	80 - 120
Lead	500	492		ug/L		98	80 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 240-156250/1-A  
Matrix: Water  
Analysis Batch: 156601

Client Sample ID: Method Blank  
Prep Type: Total Recoverable  
Prep Batch: 156250

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/12/14 12:04	11/13/14 13:30	1
Chromium	ND		5.0		ug/L		11/12/14 12:04	11/13/14 13:30	1
Lead	3.85		3.0		ug/L		11/12/14 12:04	11/13/14 13:30	1

Lab Sample ID: LCS 240-156250/2-A  
Matrix: Water  
Analysis Batch: 156601

Client Sample ID: Lab Control Sample  
Prep Type: Total Recoverable  
Prep Batch: 156250

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2000	2110		ug/L		106	80 - 120
Chromium	200	203		ug/L		101	80 - 120
Lead	500	506		ug/L		101	80 - 120

Lab Sample ID: 240-44060-1 MS  
Matrix: Water  
Analysis Batch: 156601

Client Sample ID: MW-52-2014-F  
Prep Type: Total Recoverable  
Prep Batch: 156250

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		2000	2050		ug/L		102	75 - 125
Chromium	39		200	237		ug/L		99	75 - 125
Lead	ND		500	488		ug/L		98	75 - 125

Lab Sample ID: 240-44060-1 MSD  
Matrix: Water  
Analysis Batch: 156601

Client Sample ID: MW-52-2014-F  
Prep Type: Total Recoverable  
Prep Batch: 156250

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		2000	2060		ug/L		103	75 - 125	0	20
Chromium	39		200	236		ug/L		99	75 - 125	1	20
Lead	ND		500	488		ug/L		98	75 - 125	0	20

## Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-155399/3  
Matrix: Water  
Analysis Batch: 155399

Client Sample ID: Method Blank  
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 08:19	1

Lab Sample ID: LCS 240-155399/4  
Matrix: Water  
Analysis Batch: 155399

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.246		mg/L		99	80 - 118

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# QC Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

## Method: 9060 - Organic Carbon, Total (TOC)

**Lab Sample ID: MB 240-155702/4**  
**Matrix: Water**  
**Analysis Batch: 155702**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0		mg/L			11/08/14 14:06	1

**Lab Sample ID: LCS 240-155702/6**  
**Matrix: Water**  
**Analysis Batch: 155702**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	53.8	54.1		mg/L		101	88 - 115

**Lab Sample ID: LLCS 240-155702/5**  
**Matrix: Water**  
**Analysis Batch: 155702**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	5.38	5.13		mg/L		95	50 - 150

# QC Association Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

## GC/MS VOA

### Analysis Batch: 157164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44060-1	MW-52-2014-F	Total/NA	Water	8260B	
240-44060-2	MW-51-2014-F	Total/NA	Water	8260B	
LCS 240-157164/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-157164/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 157283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44060-7	MW-41-2014-F	Total/NA	Water	8260B	
240-44060-9	MW-58-2014-F	Total/NA	Water	8260B	
240-44060-10	MW-59-2014-F	Total/NA	Water	8260B	
LCS 240-157283/3	Lab Control Sample	Total/NA	Water	8260B	
MB 240-157283/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 157440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44060-3	MW-48-2014-F	Total/NA	Water	8260B	
240-44060-4	MW-47-2014-F	Total/NA	Water	8260B	
240-44060-5	MW-45-2014-F	Total/NA	Water	8260B	
240-44060-6	MW-46-2014-F	Total/NA	Water	8260B	
240-44060-8	MW-42-2014-F	Total/NA	Water	8260B	
240-44060-11	TRIP BLANKS	Total/NA	Water	8260B	
LCS 240-157440/3	Lab Control Sample	Total/NA	Water	8260B	
MB 240-157440/5	Method Blank	Total/NA	Water	8260B	

## Metals

### Prep Batch: 155799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44060-2	MW-51-2014-F	Total Recoverable	Water	3005A	
240-44060-3	MW-48-2014-F	Total Recoverable	Water	3005A	
240-44060-4	MW-47-2014-F	Total Recoverable	Water	3005A	
240-44060-5	MW-45-2014-F	Total Recoverable	Water	3005A	
240-44060-6	MW-46-2014-F	Total Recoverable	Water	3005A	
240-44060-7	MW-41-2014-F	Total Recoverable	Water	3005A	
240-44060-8	MW-42-2014-F	Total Recoverable	Water	3005A	
240-44060-9	MW-58-2014-F	Total Recoverable	Water	3005A	
240-44060-10	MW-59-2014-F	Total Recoverable	Water	3005A	
LCS 240-155799/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-155799/1-A	Method Blank	Total Recoverable	Water	3005A	

### Analysis Batch: 156149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44060-2	MW-51-2014-F	Total Recoverable	Water	6010B	155799
240-44060-3	MW-48-2014-F	Total Recoverable	Water	6010B	155799
240-44060-4	MW-47-2014-F	Total Recoverable	Water	6010B	155799
240-44060-5	MW-45-2014-F	Total Recoverable	Water	6010B	155799
240-44060-6	MW-46-2014-F	Total Recoverable	Water	6010B	155799
240-44060-7	MW-41-2014-F	Total Recoverable	Water	6010B	155799
240-44060-8	MW-42-2014-F	Total Recoverable	Water	6010B	155799
240-44060-9	MW-58-2014-F	Total Recoverable	Water	6010B	155799

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# QC Association Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

## Metals (Continued)

### Analysis Batch: 156149 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44060-10	MW-59-2014-F	Total Recoverable	Water	6010B	155799
LCS 240-155799/2-A	Lab Control Sample	Total Recoverable	Water	6010B	155799
MB 240-155799/1-A	Method Blank	Total Recoverable	Water	6010B	155799

### Prep Batch: 156250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44060-1	MW-52-2014-F	Total Recoverable	Water	3005A	
240-44060-1 MS	MW-52-2014-F	Total Recoverable	Water	3005A	
240-44060-1 MSD	MW-52-2014-F	Total Recoverable	Water	3005A	
LCS 240-156250/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-156250/1-A	Method Blank	Total Recoverable	Water	3005A	

### Analysis Batch: 156601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44060-1	MW-52-2014-F	Total Recoverable	Water	6010B	156250
240-44060-1 MS	MW-52-2014-F	Total Recoverable	Water	6010B	156250
240-44060-1 MSD	MW-52-2014-F	Total Recoverable	Water	6010B	156250
LCS 240-156250/2-A	Lab Control Sample	Total Recoverable	Water	6010B	156250
MB 240-156250/1-A	Method Blank	Total Recoverable	Water	6010B	156250

## General Chemistry

### Analysis Batch: 155399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44060-1	MW-52-2014-F	Total/NA	Water	7196A	
240-44060-2	MW-51-2014-F	Total/NA	Water	7196A	
240-44060-3	MW-48-2014-F	Total/NA	Water	7196A	
240-44060-4	MW-47-2014-F	Total/NA	Water	7196A	
240-44060-5	MW-45-2014-F	Total/NA	Water	7196A	
240-44060-6	MW-46-2014-F	Total/NA	Water	7196A	
240-44060-7	MW-41-2014-F	Total/NA	Water	7196A	
240-44060-8	MW-42-2014-F	Total/NA	Water	7196A	
240-44060-9	MW-58-2014-F	Total/NA	Water	7196A	
240-44060-10	MW-59-2014-F	Total/NA	Water	7196A	
LCS 240-155399/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-155399/3	Method Blank	Total/NA	Water	7196A	

### Analysis Batch: 155702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44060-1	MW-52-2014-F	Total/NA	Water	9060	
240-44060-2	MW-51-2014-F	Total/NA	Water	9060	
240-44060-5	MW-45-2014-F	Total/NA	Water	9060	
240-44060-6	MW-46-2014-F	Total/NA	Water	9060	
240-44060-10	MW-59-2014-F	Total/NA	Water	9060	
LCS 240-155702/6	Lab Control Sample	Total/NA	Water	9060	
LLCS 240-155702/5	Lab Control Sample	Total/NA	Water	9060	
MB 240-155702/4	Method Blank	Total/NA	Water	9060	

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

**Client Sample ID: MW-52-2014-F**

**Lab Sample ID: 240-44060-1**

Date Collected: 11/06/14 08:05

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		166.67	157164	11/18/14 18:33	RJQ	TAL CAN
Total Recoverable	Prep	3005A			156250	11/12/14 12:04	ADS	TAL CAN
Total Recoverable	Analysis	6010B		1	156601	11/13/14 13:38	ADS	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 08:20	LKG	TAL CAN
Total/NA	Analysis	9060		1	155702	11/08/14 18:15	TPH	TAL CAN

**Client Sample ID: MW-51-2014-F**

**Lab Sample ID: 240-44060-2**

Date Collected: 11/06/14 08:40

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		142.86	157164	11/18/14 18:55	RJQ	TAL CAN
Total Recoverable	Prep	3005A			155799	11/10/14 10:07	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156149	11/11/14 17:52	ADS	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 08:22	LKG	TAL CAN
Total/NA	Analysis	9060		1	155702	11/08/14 18:40	TPH	TAL CAN

**Client Sample ID: MW-48-2014-F**

**Lab Sample ID: 240-44060-3**

Date Collected: 11/06/14 09:47

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		250	157440	11/19/14 21:19	RJQ	TAL CAN
Total Recoverable	Prep	3005A			155799	11/10/14 10:07	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156149	11/11/14 17:56	ADS	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 08:22	LKG	TAL CAN

**Client Sample ID: MW-47-2014-F**

**Lab Sample ID: 240-44060-4**

Date Collected: 11/06/14 10:15

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	157440	11/19/14 21:41	RJQ	TAL CAN
Total Recoverable	Prep	3005A			155799	11/10/14 10:07	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156149	11/11/14 18:00	ADS	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 09:08	LKG	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

## Client Sample ID: MW-45-2014-F

Lab Sample ID: 240-44060-5

Date Collected: 11/06/14 11:25

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		500	157440	11/19/14 15:39	RJQ	TAL CAN
Total Recoverable	Prep	3005A			155799	11/10/14 10:07	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156149	11/11/14 18:04	ADS	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 09:07	LKG	TAL CAN
Total/NA	Analysis	9060		1	155702	11/08/14 19:06	TPH	TAL CAN

## Client Sample ID: MW-46-2014-F

Lab Sample ID: 240-44060-6

Date Collected: 11/06/14 12:00

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		333.33	157440	11/19/14 14:54	RJQ	TAL CAN
Total Recoverable	Prep	3005A			155799	11/10/14 10:07	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156149	11/11/14 18:08	ADS	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 09:08	LKG	TAL CAN
Total/NA	Analysis	9060		1	155702	11/08/14 19:32	TPH	TAL CAN

## Client Sample ID: MW-41-2014-F

Lab Sample ID: 240-44060-7

Date Collected: 11/06/14 14:00

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	157283	11/19/14 09:42	RJQ	TAL CAN
Total Recoverable	Prep	3005A			155799	11/10/14 10:07	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156149	11/11/14 18:12	ADS	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 09:07	LKG	TAL CAN

## Client Sample ID: MW-42-2014-F

Lab Sample ID: 240-44060-8

Date Collected: 11/06/14 14:30

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		22.22	157440	11/19/14 14:32	RJQ	TAL CAN
Total Recoverable	Prep	3005A			155799	11/10/14 10:07	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156149	11/11/14 18:25	ADS	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 09:08	LKG	TAL CAN

# Lab Chronicle

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

## Client Sample ID: MW-58-2014-F

Lab Sample ID: 240-44060-9

Date Collected: 11/06/14 15:15

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	157283	11/19/14 10:05	RJQ	TAL CAN
Total Recoverable	Prep	3005A			155799	11/10/14 10:07	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156149	11/11/14 18:29	ADS	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 09:09	LKG	TAL CAN

## Client Sample ID: MW-59-2014-F

Lab Sample ID: 240-44060-10

Date Collected: 11/06/14 15:40

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	157283	11/19/14 10:28	RJQ	TAL CAN
Total Recoverable	Prep	3005A			155799	11/10/14 10:07	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156149	11/11/14 18:33	ADS	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 09:07	LKG	TAL CAN
Total/NA	Analysis	9060		1	155702	11/08/14 19:57	TPH	TAL CAN

## Client Sample ID: TRIP BLANKS

Lab Sample ID: 240-44060-11

Date Collected: 11/06/14 00:00

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	157440	11/19/14 13:47	RJQ	TAL CAN

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

# Certification Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44060-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-15
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-15
Georgia	State Program	4	N/A	06-30-15
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	01-31-15
Kentucky (UST)	State Program	4	58	06-30-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-15

\* Certification renewal pending - certification considered valid.

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TestAmerica Laboratories, Inc.

**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-44060 Chain of Custody



North Canton, OH 44720  
Phone: 330.497.3336 Fax: 330.497.0772

Regulatory Program:  DW  NPDES  RCRA  Other:

<b>Client Contact</b> Company Name: <b>T+M Associates</b> Address: <b>4675 Lakehurst Ct. Suite 250</b> City/State/Zip: <b>Columbus/OH/43016</b> Phone: <b>614-339-3380</b> Fax: <b>614-389-7082</b> Project Name: <b>Meritor Grenada</b> Site: <b>Grenada, MS</b> P O #: <b>MERT-00071</b>		<b>Project Manager: Jim Peoples</b> Tel/Fax: <b>614-288-7201</b> Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> <input type="checkbox"/> 1 week <input type="checkbox"/> <input type="checkbox"/> 2 days <input type="checkbox"/> <input type="checkbox"/> 1 day <input type="checkbox"/>		<b>Site Contact: Bill Foster</b> Date: <b>11/6/14</b> <b>Lab Contact: Pat O'Meara</b> Carrier: <b>FedEx</b> COC No: <b>1</b> of <b>1</b> COCs Sampler: For Lab Use Only: Walk-In Client: Lab Sampling: Job / SDG No.: Sample Specific Notes:							
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs (List 1)	Total Hs. Pb. Cr	Cr (VI)	Total Organic Carbon (TOC)
MW-52-2014-F	11/6/14	0805	G	H <sub>2</sub> O	6	N	N	X	X	X	X
MW-51-2014-F		0840			6	N	N	X	X	X	X
MW-48-2014-F		0947			5	N	N	X	X	X	X
MW-47-2014-F		1015			5	N	N	X	X	X	X
MW-45-2014-F		1125			6	N	N	X	X	X	X
MW-46-2014-F		1200			6	N	N	X	X	X	X
MW-41-2014-F		1400			5	N	N	X	X	X	X
MW-42-2014-F		1430			5	N	N	X	X	X	X
MW-58-2014-F		1515			5	N	N	X	X	X	X
MW-59-2014-F		1540			6	N	N	X	X	X	X
Trip Blanks					2	N	N	X	X	X	X
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other Possible Hazard Identification: <b>1242</b> Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input type="checkbox"/> Non-Hazardous <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Dispose by Lab <input type="checkbox"/> Archive for _____ Months											
Special Instructions/QC Requirements & Comments: <b>All Sample Times based on Central Standard Time (CST)</b> Cooler Temp. (°C): Obs'd: _____ Corrd: _____ Therm ID No.: _____ Custody Seal No.: _____ Relinquished by: <b>Kevin Papp</b> Date/Time: <b>11/6/14 1700</b> Company: <b>T+M Associates</b> Relinquished by: <b>Denny Bunn</b> Date/Time: <b>11/7/14 6800</b> Company: <b>TA Can</b> Relinquished by: _____ Date/Time: _____ Company: _____											



TestAmerica Canton Sample Receipt Form/Narrative

Login # : 44060

Canton Facility

Client T + M Assoc Site Name Meritor
Cooler Received on 11/7/14 Opened on 11/7/14
FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other

Cooler unpacked by:

Derry Burns

Receipt After-hours: Drop-off Date/Time Storage Location

TestAmerica Cooler # Edison Foam Box Client Cooler Box Other
Packing material used: Bubble Wrap Foam Plastic Bag None Other
COOLANT: Wet Ice Blue Ice Dry Ice Water None

- 1. Cooler temperature upon receipt
IR GUN# A (CF +4.0 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C
IR GUN# 4 (CF +1.2 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C
IR GUN# 5 (CF +0.4 °C) Observed Cooler Temp. 1.8 °C Corrected Cooler Temp. 2.2 °C
IR GUN# 8 (CF +0.7 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity Yes No
-Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
-Were custody seals on the bottle(s)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Did all bottles arrive in good condition (Unbroken)? Yes No
7. Could all bottle labels be reconciled with the COC? Yes No
8. Were correct bottle(s) used for the test(s) indicated? Yes No
9. Sufficient quantity received to perform indicated analyses? Yes No
10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC425511
11. Were VOAs on the COC? Yes No
12. Were air bubbles >6 mm in any VOA vials? Yes No NA
13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM Date by via Verbal Voice Mail Other
Concerning

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

Jessie Boner

COC = MW-46-2014-F, Label for metals bottle =

MW-48-2014-F time + date, match COC - will

log ID per COC

15. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.
Sample(s) were received in a broken container.
Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory.
Time preserved: Preservative(s) added/Lot number(s):

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> <u>pH</u>	<u>Preservative</u> <u>Added (mls)</u>	<u>Lot #</u>
MW-52-2014-F	240-44060-F-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-51-2014-F	240-44060-F-2	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-48-2014-F	240-44060-E-3	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-47-2014-F	240-44060-E-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-45-2014-F	240-44060-F-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-46-2014-F	240-44060-F-6	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-41-2014-F	240-44060-E-7	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-42-2014-F	240-44060-E-8	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-58-2014-F	240-44060-E-9	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-59-2014-F	240-44060-F-10	Plastic 500ml - with Nitric Acid	<2	_____	_____

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton  
4101 Shuffel Street NW  
North Canton, OH 44720  
Tel: (330)497-9396

TestAmerica Job ID: 240-44061-1  
Client Project/Site: Meritor Grenada

For:  
T&M Associates  
4675 Lakehurst Court  
Suite 250  
Columbus, Ohio 43016

Attn: Jim Peeples



Authorized for release by:  
11/20/2014 10:20:36 AM

Patrick O'Meara, Manager of Project Management  
(330)966-5725  
[patrick.omeara@testamericainc.com](mailto:patrick.omeara@testamericainc.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?

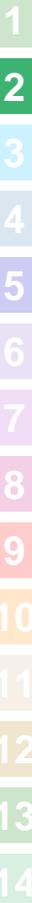


Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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# Definitions/Glossary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

**Job ID: 240-44061-1**

**Laboratory: TestAmerica Canton**

**Narrative**

## CASE NARRATIVE

**Client: T&M Associates**

**Project: Meritor Grenada**

**Report Number: 240-44061-1**

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

### **RECEIPT**

The samples were received on 11/7/2014 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2° C.

### **VOLATILE ORGANIC COMPOUNDS (GCMS)**

Samples MW-55-2014-F (240-44061-1), MW-56-2014-F (240-44061-2), MW-49-2014-F (240-44061-3), MW-50-2014-F (240-44061-4), FD-201-2014-F (240-44061-5), MW-43-2014-F (240-44061-6), MW-44-2014-F (240-44061-7), MW-14-2014-F (240-44061-8), FB-301-2014-F (240-44061-9), MW-57-2014-F (240-44061-10) and TRIP BLANKS (240-44061-11) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/15/2014 and 11/19/2014.

Samples MW-55-2014-F (240-44061-1)[71.43X], MW-56-2014-F (240-44061-2)[66.67X], MW-49-2014-F (240-44061-3)[16.67X], FD-201-2014-F (240-44061-5)[12.5X], MW-43-2014-F (240-44061-6)[12.5X], MW-44-2014-F (240-44061-7)[5X] and MW-14-2014-F (240-44061-8)[33.33X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

### **TOTAL RECOVERABLE METALS (ICP)**

Samples MW-55-2014-F (240-44061-1), MW-56-2014-F (240-44061-2), MW-49-2014-F (240-44061-3), MW-50-2014-F (240-44061-4), FD-201-2014-F (240-44061-5), MW-43-2014-F (240-44061-6), MW-44-2014-F (240-44061-7), MW-14-2014-F (240-44061-8), FB-301-2014-F (240-44061-9) and MW-57-2014-F (240-44061-10) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 11/11/2014 and analyzed on 11/12/2014.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

# Case Narrative

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

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## Job ID: 240-44061-1 (Continued)

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### Laboratory: TestAmerica Canton (Continued)

#### HEXAVALENT CHROMIUM

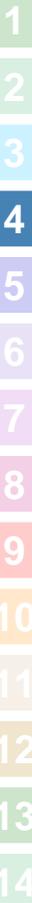
Samples MW-55-2014-F (240-44061-1), MW-56-2014-F (240-44061-2), MW-49-2014-F (240-44061-3), MW-50-2014-F (240-44061-4), FD-201-2014-F (240-44061-5), MW-43-2014-F (240-44061-6), MW-44-2014-F (240-44061-7), MW-14-2014-F (240-44061-8), FB-301-2014-F (240-44061-9) and MW-57-2014-F (240-44061-10) were analyzed for hexavalent chromium in accordance with EPA SW-846 Method 7196A. The samples were analyzed on 11/07/2014.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### TOTAL ORGANIC CARBON

Sample MW-56-2014-F (240-44061-2) was analyzed for total organic carbon in accordance with EPA SW-846 Method 9060. The samples were analyzed on 11/08/2014.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.



# Method Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
6010B	Metals (ICP)	SW846	TAL CAN
7196A	Chromium, Hexavalent	SW846	TAL CAN
9060	Organic Carbon, Total (TOC)	SW846	TAL CAN

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396



# Sample Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-44061-1	MW-55-2014-F	Water	11/06/14 08:15	11/07/14 08:00
240-44061-2	MW-56-2014-F	Water	11/06/14 09:00	11/07/14 08:00
240-44061-3	MW-49-2014-F	Water	11/06/14 10:25	11/07/14 08:00
240-44061-4	MW-50-2014-F	Water	11/06/14 11:55	11/07/14 08:00
240-44061-5	FD-201-2014-F	Water	11/06/14 12:00	11/07/14 08:00
240-44061-6	MW-43-2014-F	Water	11/06/14 12:45	11/07/14 08:00
240-44061-7	MW-44-2014-F	Water	11/06/14 13:45	11/07/14 08:00
240-44061-8	MW-14-2014-F	Water	11/06/14 14:50	11/07/14 08:00
240-44061-9	FB-301-2014-F	Water	11/06/14 15:00	11/07/14 08:00
240-44061-10	MW-57-2014-F	Water	11/06/14 15:20	11/07/14 08:00
240-44061-11	TRIP BLANKS	Water	11/06/14 00:00	11/07/14 08:00



# Detection Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

## Client Sample ID: MW-55-2014-F

Lab Sample ID: 240-44061-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	530		71		ug/L	71.43		8260B	Total/NA
Trichloroethene	2600		71		ug/L	71.43		8260B	Total/NA

## Client Sample ID: MW-56-2014-F

Lab Sample ID: 240-44061-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	550		67		ug/L	66.67		8260B	Total/NA
Trichloroethene	2300		67		ug/L	66.67		8260B	Total/NA

## Client Sample ID: MW-49-2014-F

Lab Sample ID: 240-44061-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	530		17		ug/L	16.67		8260B	Total/NA
Vinyl chloride	400		17		ug/L	16.67		8260B	Total/NA

## Client Sample ID: MW-50-2014-F

Lab Sample ID: 240-44061-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.3		1.0		ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	33		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	11		1.0		ug/L	1		8260B	Total/NA
Vinyl chloride	21		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: FD-201-2014-F

Lab Sample ID: 240-44061-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	380		13		ug/L	12.5		8260B	Total/NA
Vinyl chloride	90		13		ug/L	12.5		8260B	Total/NA

## Client Sample ID: MW-43-2014-F

Lab Sample ID: 240-44061-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	390		13		ug/L	12.5		8260B	Total/NA
Vinyl chloride	96		13		ug/L	12.5		8260B	Total/NA

## Client Sample ID: MW-44-2014-F

Lab Sample ID: 240-44061-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	130		5.0		ug/L	5		8260B	Total/NA
Vinyl chloride	71		5.0		ug/L	5		8260B	Total/NA

## Client Sample ID: MW-14-2014-F

Lab Sample ID: 240-44061-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	640		33		ug/L	33.33		8260B	Total/NA
Trichloroethene	1000		33		ug/L	33.33		8260B	Total/NA

## Client Sample ID: FB-301-2014-F

Lab Sample ID: 240-44061-9

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

## Client Sample ID: MW-57-2014-F

Lab Sample ID: 240-44061-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	33		1.0		ug/L	1		8260B	Total/NA
Trichloroethene	5.3		1.0		ug/L	1		8260B	Total/NA
Vinyl chloride	5.5		1.0		ug/L	1		8260B	Total/NA

## Client Sample ID: TRIP BLANKS

Lab Sample ID: 240-44061-11

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton



# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

**Client Sample ID: MW-55-2014-F**

**Lab Sample ID: 240-44061-1**

**Date Collected: 11/06/14 08:15**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		71		ug/L			11/19/14 03:08	71.43
1,1-Dichloroethene	ND		71		ug/L			11/19/14 03:08	71.43
1,2-Dichloroethane	ND		71		ug/L			11/19/14 03:08	71.43
Benzene	ND		71		ug/L			11/19/14 03:08	71.43
<b>cis-1,2-Dichloroethene</b>	<b>530</b>		71		ug/L			11/19/14 03:08	71.43
Tetrachloroethene	ND		71		ug/L			11/19/14 03:08	71.43
Toluene	ND		71		ug/L			11/19/14 03:08	71.43
<b>Trichloroethene</b>	<b>2600</b>		71		ug/L			11/19/14 03:08	71.43
Vinyl chloride	ND		71		ug/L			11/19/14 03:08	71.43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		63 - 129		11/19/14 03:08	71.43
4-Bromofluorobenzene (Surr)	87		66 - 120		11/19/14 03:08	71.43
Toluene-d8 (Surr)	90		74 - 120		11/19/14 03:08	71.43
Dibromofluoromethane (Surr)	92		75 - 121		11/19/14 03:08	71.43

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/11/14 10:12	11/12/14 20:31	1
Chromium	ND		5.0		ug/L		11/11/14 10:12	11/12/14 20:31	1
Lead	ND		3.0		ug/L		11/11/14 10:12	11/12/14 20:31	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 08:20	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

**Client Sample ID: MW-56-2014-F**

**Lab Sample ID: 240-44061-2**

**Date Collected: 11/06/14 09:00**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		67		ug/L			11/19/14 03:30	66.67
1,1-Dichloroethene	ND		67		ug/L			11/19/14 03:30	66.67
1,2-Dichloroethane	ND		67		ug/L			11/19/14 03:30	66.67
Benzene	ND		67		ug/L			11/19/14 03:30	66.67
<b>cis-1,2-Dichloroethene</b>	<b>550</b>		67		ug/L			11/19/14 03:30	66.67
Tetrachloroethene	ND		67		ug/L			11/19/14 03:30	66.67
Toluene	ND		67		ug/L			11/19/14 03:30	66.67
<b>Trichloroethene</b>	<b>2300</b>		67		ug/L			11/19/14 03:30	66.67
Vinyl chloride	ND		67		ug/L			11/19/14 03:30	66.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		63 - 129		11/19/14 03:30	66.67
4-Bromofluorobenzene (Surr)	83		66 - 120		11/19/14 03:30	66.67
Toluene-d8 (Surr)	91		74 - 120		11/19/14 03:30	66.67
Dibromofluoromethane (Surr)	88		75 - 121		11/19/14 03:30	66.67

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/11/14 10:12	11/12/14 21:39	1
Chromium	ND		5.0		ug/L		11/11/14 10:12	11/12/14 21:39	1
Lead	ND		3.0		ug/L		11/11/14 10:12	11/12/14 21:39	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 08:21	1
Total Organic Carbon	ND		1.0		mg/L			11/08/14 20:23	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

**Client Sample ID: MW-49-2014-F**

**Lab Sample ID: 240-44061-3**

**Date Collected: 11/06/14 10:25**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		17		ug/L			11/19/14 03:53	16.67
1,1-Dichloroethene	ND		17		ug/L			11/19/14 03:53	16.67
1,2-Dichloroethane	ND		17		ug/L			11/19/14 03:53	16.67
Benzene	ND		17		ug/L			11/19/14 03:53	16.67
<b>cis-1,2-Dichloroethene</b>	<b>530</b>		17		ug/L			11/19/14 03:53	16.67
Tetrachloroethene	ND		17		ug/L			11/19/14 03:53	16.67
Toluene	ND		17		ug/L			11/19/14 03:53	16.67
Trichloroethene	ND		17		ug/L			11/19/14 03:53	16.67
<b>Vinyl chloride</b>	<b>400</b>		17		ug/L			11/19/14 03:53	16.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	79		63 - 129		11/19/14 03:53	16.67
4-Bromofluorobenzene (Surr)	84		66 - 120		11/19/14 03:53	16.67
Toluene-d8 (Surr)	94		74 - 120		11/19/14 03:53	16.67
Dibromofluoromethane (Surr)	86		75 - 121		11/19/14 03:53	16.67

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/11/14 10:12	11/12/14 21:43	1
Chromium	ND		5.0		ug/L		11/11/14 10:12	11/12/14 21:43	1
Lead	ND		3.0		ug/L		11/11/14 10:12	11/12/14 21:43	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 09:45	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

**Client Sample ID: MW-50-2014-F**

**Lab Sample ID: 240-44061-4**

**Date Collected: 11/06/14 11:55**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/19/14 04:15	1
1,1-Dichloroethene	ND		1.0		ug/L			11/19/14 04:15	1
1,2-Dichloroethane	ND		1.0		ug/L			11/19/14 04:15	1
<b>Benzene</b>	<b>1.3</b>		1.0		ug/L			11/19/14 04:15	1
<b>cis-1,2-Dichloroethene</b>	<b>33</b>		1.0		ug/L			11/19/14 04:15	1
Tetrachloroethene	ND		1.0		ug/L			11/19/14 04:15	1
Toluene	ND		1.0		ug/L			11/19/14 04:15	1
<b>Trichloroethene</b>	<b>11</b>		1.0		ug/L			11/19/14 04:15	1
<b>Vinyl chloride</b>	<b>21</b>		1.0		ug/L			11/19/14 04:15	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	82		63 - 129					11/19/14 04:15	1
4-Bromofluorobenzene (Surr)	87		66 - 120					11/19/14 04:15	1
Toluene-d8 (Surr)	93		74 - 120					11/19/14 04:15	1
Dibromofluoromethane (Surr)	92		75 - 121					11/19/14 04:15	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/11/14 10:12	11/12/14 21:47	1
Chromium	ND		5.0		ug/L		11/11/14 10:12	11/12/14 21:47	1
Lead	ND		3.0		ug/L		11/11/14 10:12	11/12/14 21:47	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 09:45	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

**Client Sample ID: FD-201-2014-F**

**Lab Sample ID: 240-44061-5**

**Date Collected: 11/06/14 12:00**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		13		ug/L			11/19/14 04:38	12.5
1,1-Dichloroethene	ND		13		ug/L			11/19/14 04:38	12.5
1,2-Dichloroethane	ND		13		ug/L			11/19/14 04:38	12.5
Benzene	ND		13		ug/L			11/19/14 04:38	12.5
<b>cis-1,2-Dichloroethene</b>	<b>380</b>		13		ug/L			11/19/14 04:38	12.5
Tetrachloroethene	ND		13		ug/L			11/19/14 04:38	12.5
Toluene	ND		13		ug/L			11/19/14 04:38	12.5
Trichloroethene	ND		13		ug/L			11/19/14 04:38	12.5
<b>Vinyl chloride</b>	<b>90</b>		13		ug/L			11/19/14 04:38	12.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		63 - 129		11/19/14 04:38	12.5
4-Bromofluorobenzene (Surr)	85		66 - 120		11/19/14 04:38	12.5
Toluene-d8 (Surr)	90		74 - 120		11/19/14 04:38	12.5
Dibromofluoromethane (Surr)	91		75 - 121		11/19/14 04:38	12.5

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/11/14 10:12	11/12/14 21:59	1
Chromium	ND		5.0		ug/L		11/11/14 10:12	11/12/14 21:59	1
Lead	ND		3.0		ug/L		11/11/14 10:12	11/12/14 21:59	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 09:45	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

**Client Sample ID: MW-43-2014-F**

**Lab Sample ID: 240-44061-6**

**Date Collected: 11/06/14 12:45**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		13		ug/L			11/19/14 05:00	12.5
1,1-Dichloroethene	ND		13		ug/L			11/19/14 05:00	12.5
1,2-Dichloroethane	ND		13		ug/L			11/19/14 05:00	12.5
Benzene	ND		13		ug/L			11/19/14 05:00	12.5
<b>cis-1,2-Dichloroethene</b>	<b>390</b>		13		ug/L			11/19/14 05:00	12.5
Tetrachloroethene	ND		13		ug/L			11/19/14 05:00	12.5
Toluene	ND		13		ug/L			11/19/14 05:00	12.5
Trichloroethene	ND		13		ug/L			11/19/14 05:00	12.5
<b>Vinyl chloride</b>	<b>96</b>		13		ug/L			11/19/14 05:00	12.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		63 - 129		11/19/14 05:00	12.5
4-Bromofluorobenzene (Surr)	86		66 - 120		11/19/14 05:00	12.5
Toluene-d8 (Surr)	87		74 - 120		11/19/14 05:00	12.5
Dibromofluoromethane (Surr)	90		75 - 121		11/19/14 05:00	12.5

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/11/14 10:12	11/12/14 22:03	1
Chromium	ND		5.0		ug/L		11/11/14 10:12	11/12/14 22:03	1
Lead	ND		3.0		ug/L		11/11/14 10:12	11/12/14 22:03	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 09:46	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

**Client Sample ID: MW-44-2014-F**

**Lab Sample ID: 240-44061-7**

**Date Collected: 11/06/14 13:45**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0		ug/L			11/19/14 05:23	5
1,1-Dichloroethene	ND		5.0		ug/L			11/19/14 05:23	5
1,2-Dichloroethane	ND		5.0		ug/L			11/19/14 05:23	5
Benzene	ND		5.0		ug/L			11/19/14 05:23	5
<b>cis-1,2-Dichloroethene</b>	<b>130</b>		5.0		ug/L			11/19/14 05:23	5
Tetrachloroethene	ND		5.0		ug/L			11/19/14 05:23	5
Toluene	ND		5.0		ug/L			11/19/14 05:23	5
Trichloroethene	ND		5.0		ug/L			11/19/14 05:23	5
<b>Vinyl chloride</b>	<b>71</b>		5.0		ug/L			11/19/14 05:23	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		63 - 129		11/19/14 05:23	5
4-Bromofluorobenzene (Surr)	84		66 - 120		11/19/14 05:23	5
Toluene-d8 (Surr)	86		74 - 120		11/19/14 05:23	5
Dibromofluoromethane (Surr)	89		75 - 121		11/19/14 05:23	5

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/11/14 10:12	11/12/14 22:07	1
Chromium	ND		5.0		ug/L		11/11/14 10:12	11/12/14 22:07	1
Lead	ND		3.0		ug/L		11/11/14 10:12	11/12/14 22:07	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 09:47	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

**Client Sample ID: MW-14-2014-F**

**Lab Sample ID: 240-44061-8**

**Date Collected: 11/06/14 14:50**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		33		ug/L			11/19/14 09:20	33.33
1,1-Dichloroethene	ND		33		ug/L			11/19/14 09:20	33.33
1,2-Dichloroethane	ND		33		ug/L			11/19/14 09:20	33.33
Benzene	ND		33		ug/L			11/19/14 09:20	33.33
<b>cis-1,2-Dichloroethene</b>	<b>640</b>		33		ug/L			11/19/14 09:20	33.33
Tetrachloroethene	ND		33		ug/L			11/19/14 09:20	33.33
Toluene	ND		33		ug/L			11/19/14 09:20	33.33
<b>Trichloroethene</b>	<b>1000</b>		33		ug/L			11/19/14 09:20	33.33
Vinyl chloride	ND		33		ug/L			11/19/14 09:20	33.33

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	80		63 - 129		11/19/14 09:20	33.33
4-Bromofluorobenzene (Surr)	83		66 - 120		11/19/14 09:20	33.33
Toluene-d8 (Surr)	90		74 - 120		11/19/14 09:20	33.33
Dibromofluoromethane (Surr)	90		75 - 121		11/19/14 09:20	33.33

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/11/14 10:12	11/12/14 22:11	1
Chromium	ND		5.0		ug/L		11/11/14 10:12	11/12/14 22:11	1
Lead	ND		3.0		ug/L		11/11/14 10:12	11/12/14 22:11	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 09:47	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

**Client Sample ID: FB-301-2014-F**

**Lab Sample ID: 240-44061-9**

**Date Collected: 11/06/14 15:00**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/15/14 13:15	1
1,1-Dichloroethene	ND		1.0		ug/L			11/15/14 13:15	1
1,2-Dichloroethane	ND		1.0		ug/L			11/15/14 13:15	1
Benzene	ND		1.0		ug/L			11/15/14 13:15	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			11/15/14 13:15	1
Tetrachloroethene	ND		1.0		ug/L			11/15/14 13:15	1
Toluene	ND		1.0		ug/L			11/15/14 13:15	1
Trichloroethene	ND		1.0		ug/L			11/15/14 13:15	1
Vinyl chloride	ND		1.0		ug/L			11/15/14 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		63 - 129		11/15/14 13:15	1
4-Bromofluorobenzene (Surr)	84		66 - 120		11/15/14 13:15	1
Toluene-d8 (Surr)	91		74 - 120		11/15/14 13:15	1
Dibromofluoromethane (Surr)	83		75 - 121		11/15/14 13:15	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/11/14 10:12	11/12/14 22:16	1
Chromium	ND		5.0		ug/L		11/11/14 10:12	11/12/14 22:16	1
Lead	ND		3.0		ug/L		11/11/14 10:12	11/12/14 22:16	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 09:46	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

**Client Sample ID: MW-57-2014-F**

**Lab Sample ID: 240-44061-10**

**Date Collected: 11/06/14 15:20**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/15/14 13:37	1
1,1-Dichloroethene	ND		1.0		ug/L			11/15/14 13:37	1
1,2-Dichloroethane	ND		1.0		ug/L			11/15/14 13:37	1
Benzene	ND		1.0		ug/L			11/15/14 13:37	1
<b>cis-1,2-Dichloroethene</b>	<b>33</b>		1.0		ug/L			11/15/14 13:37	1
Tetrachloroethene	ND		1.0		ug/L			11/15/14 13:37	1
Toluene	ND		1.0		ug/L			11/15/14 13:37	1
<b>Trichloroethene</b>	<b>5.3</b>		1.0		ug/L			11/15/14 13:37	1
<b>Vinyl chloride</b>	<b>5.5</b>		1.0		ug/L			11/15/14 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	80		63 - 129		11/15/14 13:37	1
4-Bromofluorobenzene (Surr)	78		66 - 120		11/15/14 13:37	1
Toluene-d8 (Surr)	86		74 - 120		11/15/14 13:37	1
Dibromofluoromethane (Surr)	84		75 - 121		11/15/14 13:37	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/11/14 10:12	11/12/14 22:20	1
Chromium	ND		5.0		ug/L		11/11/14 10:12	11/12/14 22:20	1
Lead	ND		3.0		ug/L		11/11/14 10:12	11/12/14 22:20	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 09:46	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

**Client Sample ID: TRIP BLANKS**

**Lab Sample ID: 240-44061-11**

**Date Collected: 11/06/14 00:00**

**Matrix: Water**

**Date Received: 11/07/14 08:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/15/14 13:59	1
1,1-Dichloroethene	ND		1.0		ug/L			11/15/14 13:59	1
1,2-Dichloroethane	ND		1.0		ug/L			11/15/14 13:59	1
Benzene	ND		1.0		ug/L			11/15/14 13:59	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			11/15/14 13:59	1
Tetrachloroethene	ND		1.0		ug/L			11/15/14 13:59	1
Toluene	ND		1.0		ug/L			11/15/14 13:59	1
Trichloroethene	ND		1.0		ug/L			11/15/14 13:59	1
Vinyl chloride	ND		1.0		ug/L			11/15/14 13:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		63 - 129		11/15/14 13:59	1
4-Bromofluorobenzene (Surr)	76		66 - 120		11/15/14 13:59	1
Toluene-d8 (Surr)	88		74 - 120		11/15/14 13:59	1
Dibromofluoromethane (Surr)	85		75 - 121		11/15/14 13:59	1

# Surrogate Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-120)	TOL (74-120)	DBFM (75-121)
240-44061-1	MW-55-2014-F	81	87	90	92
240-44061-1 MS	MW-55-2014-F	83	86	90	90
240-44061-1 MSD	MW-55-2014-F	83	86	91	92
240-44061-2	MW-56-2014-F	78	83	91	88
240-44061-3	MW-49-2014-F	79	84	94	86
240-44061-4	MW-50-2014-F	82	87	93	92
240-44061-5	FD-201-2014-F	81	85	90	91
240-44061-6	MW-43-2014-F	81	86	87	90
240-44061-7	MW-44-2014-F	83	84	86	89
240-44061-8	MW-14-2014-F	80	83	90	90
240-44061-9	FB-301-2014-F	81	84	91	83
240-44061-10	MW-57-2014-F	80	78	86	84
240-44061-11	TRIP BLANKS	82	76	88	85
LCS 240-156810/4	Lab Control Sample	76	93	91	79
LCS 240-157283/3	Lab Control Sample	78	87	90	91
MB 240-156810/5	Method Blank	81	83	90	81
MB 240-157283/5	Method Blank	77	84	90	88

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

# QC Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-156810/5**

**Matrix: Water**

**Analysis Batch: 156810**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/15/14 12:41	1
1,1-Dichloroethene	ND		1.0		ug/L			11/15/14 12:41	1
1,2-Dichloroethane	ND		1.0		ug/L			11/15/14 12:41	1
Benzene	ND		1.0		ug/L			11/15/14 12:41	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			11/15/14 12:41	1
Tetrachloroethene	ND		1.0		ug/L			11/15/14 12:41	1
Toluene	ND		1.0		ug/L			11/15/14 12:41	1
Trichloroethene	ND		1.0		ug/L			11/15/14 12:41	1
Vinyl chloride	ND		1.0		ug/L			11/15/14 12:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		63 - 129		11/15/14 12:41	1
4-Bromofluorobenzene (Surr)	83		66 - 120		11/15/14 12:41	1
Toluene-d8 (Surr)	90		74 - 120		11/15/14 12:41	1
Dibromofluoromethane (Surr)	81		75 - 121		11/15/14 12:41	1

**Lab Sample ID: LCS 240-156810/4**

**Matrix: Water**

**Analysis Batch: 156810**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	11.0		ug/L		110	80 - 120
1,1-Dichloroethene	10.0	9.40		ug/L		94	78 - 131
1,2-Dichloroethane	10.0	8.99		ug/L		90	71 - 127
Benzene	10.0	9.51		ug/L		95	80 - 120
cis-1,2-Dichloroethene	10.0	9.51		ug/L		95	80 - 120
Tetrachloroethene	10.0	11.3		ug/L		113	79 - 120
Toluene	10.0	10.9		ug/L		109	80 - 120
Trichloroethene	10.0	9.69		ug/L		97	76 - 120
Vinyl chloride	10.0	10.3		ug/L		103	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	76		63 - 129
4-Bromofluorobenzene (Surr)	93		66 - 120
Toluene-d8 (Surr)	91		74 - 120
Dibromofluoromethane (Surr)	79		75 - 121

**Lab Sample ID: MB 240-157283/5**

**Matrix: Water**

**Analysis Batch: 157283**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/19/14 00:30	1
1,1-Dichloroethene	ND		1.0		ug/L			11/19/14 00:30	1
1,2-Dichloroethane	ND		1.0		ug/L			11/19/14 00:30	1
Benzene	ND		1.0		ug/L			11/19/14 00:30	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			11/19/14 00:30	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-157283/5**

**Matrix: Water**

**Analysis Batch: 157283**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0		ug/L			11/19/14 00:30	1
Toluene	ND		1.0		ug/L			11/19/14 00:30	1
Trichloroethene	ND		1.0		ug/L			11/19/14 00:30	1
Vinyl chloride	ND		1.0		ug/L			11/19/14 00:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129		11/19/14 00:30	1
4-Bromofluorobenzene (Surr)	84		66 - 120		11/19/14 00:30	1
Toluene-d8 (Surr)	90		74 - 120		11/19/14 00:30	1
Dibromofluoromethane (Surr)	88		75 - 121		11/19/14 00:30	1

**Lab Sample ID: LCS 240-157283/3**

**Matrix: Water**

**Analysis Batch: 157283**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	9.96		ug/L		100	80 - 120
1,1-Dichloroethene	10.0	8.75		ug/L		87	78 - 131
1,2-Dichloroethane	10.0	9.18		ug/L		92	71 - 127
Benzene	10.0	9.71		ug/L		97	80 - 120
cis-1,2-Dichloroethene	10.0	9.26		ug/L		93	80 - 120
Tetrachloroethene	10.0	9.19		ug/L		92	79 - 120
Toluene	10.0	9.03		ug/L		90	80 - 120
Trichloroethene	10.0	10.8		ug/L		108	76 - 120
Vinyl chloride	10.0	7.08		ug/L		71	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	78		63 - 129
4-Bromofluorobenzene (Surr)	87		66 - 120
Toluene-d8 (Surr)	90		74 - 120
Dibromofluoromethane (Surr)	91		75 - 121

**Lab Sample ID: 240-44061-1 MS**

**Matrix: Water**

**Analysis Batch: 157283**

**Client Sample ID: MW-55-2014-F**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		714	703		ug/L		98	75 - 120
1,1-Dichloroethene	ND		714	709		ug/L		99	74 - 135
1,2-Dichloroethane	ND		714	644		ug/L		90	68 - 129
Benzene	ND		714	718		ug/L		100	72 - 121
cis-1,2-Dichloroethene	530		714	1210		ug/L		94	70 - 120
Tetrachloroethene	ND		714	727		ug/L		102	70 - 120
Toluene	ND		714	680		ug/L		95	78 - 120
Trichloroethene	2600		714	3260	E	ug/L		89	66 - 120
Vinyl chloride	ND		714	556		ug/L		72	49 - 130

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# QC Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-44061-1 MS

Matrix: Water

Analysis Batch: 157283

Client Sample ID: MW-55-2014-F

Prep Type: Total/NA

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	83		63 - 129
4-Bromofluorobenzene (Surr)	86		66 - 120
Toluene-d8 (Surr)	90		74 - 120
Dibromofluoromethane (Surr)	90		75 - 121

Lab Sample ID: 240-44061-1 MSD

Matrix: Water

Analysis Batch: 157283

Client Sample ID: MW-55-2014-F

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
1,1,2-Trichloroethane	ND		714	692		ug/L		97	75 - 120	2	30	
1,1-Dichloroethene	ND		714	691		ug/L		97	74 - 135	3	30	
1,2-Dichloroethane	ND		714	645		ug/L		90	68 - 129	0	30	
Benzene	ND		714	707		ug/L		99	72 - 121	2	30	
cis-1,2-Dichloroethene	530		714	1160		ug/L		88	70 - 120	4	30	
Tetrachloroethene	ND		714	710		ug/L		99	70 - 120	2	30	
Toluene	ND		714	662		ug/L		93	78 - 120	3	30	
Trichloroethene	2600		714	3370	E	ug/L		105	66 - 120	3	30	
Vinyl chloride	ND		714	528		ug/L		69	49 - 130	5	30	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	83		63 - 129
4-Bromofluorobenzene (Surr)	86		66 - 120
Toluene-d8 (Surr)	91		74 - 120
Dibromofluoromethane (Surr)	92		75 - 121

## Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-156016/1-A

Matrix: Water

Analysis Batch: 156347

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 156016

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	ND		10		ug/L		11/11/14 10:12	11/12/14 20:23	1
Chromium	ND		5.0		ug/L		11/11/14 10:12	11/12/14 20:23	1
Lead	ND		3.0		ug/L		11/11/14 10:12	11/12/14 20:23	1

Lab Sample ID: LCS 240-156016/2-A

Matrix: Water

Analysis Batch: 156347

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 156016

Analyte	Spike	LCS LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
Arsenic	2000	2020		ug/L		101	80 - 120	
Chromium	200	198		ug/L		99	80 - 120	
Lead	500	489		ug/L		98	80 - 120	

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# QC Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 240-44061-1 MS  
Matrix: Water  
Analysis Batch: 156347

Client Sample ID: MW-55-2014-F  
Prep Type: Total Recoverable  
Prep Batch: 156016

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		2000	2030		ug/L		101	75 - 125
Chromium	ND		200	199		ug/L		99	75 - 125
Lead	ND		500	486		ug/L		97	75 - 125

Lab Sample ID: 240-44061-1 MSD  
Matrix: Water  
Analysis Batch: 156347

Client Sample ID: MW-55-2014-F  
Prep Type: Total Recoverable  
Prep Batch: 156016

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		2000	2050		ug/L		102	75 - 125	1	20
Chromium	ND		200	200		ug/L		99	75 - 125	1	20
Lead	ND		500	492		ug/L		98	75 - 125	1	20

## Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-155399/3  
Matrix: Water  
Analysis Batch: 155399

Client Sample ID: Method Blank  
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/07/14 08:19	1

Lab Sample ID: LCS 240-155399/4  
Matrix: Water  
Analysis Batch: 155399

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.246		mg/L		99	80 - 118

Lab Sample ID: 240-44061-1 MS  
Matrix: Water  
Analysis Batch: 155399

Client Sample ID: MW-55-2014-F  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	ND		0.250	0.145		mg/L		58	41 - 136

Lab Sample ID: 240-44061-1 MSD  
Matrix: Water  
Analysis Batch: 155399

Client Sample ID: MW-55-2014-F  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	ND		0.250	0.119		mg/L		48	41 - 136	20	20

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# QC Sample Results

Client: T&M Associates  
 Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

## Method: 9060 - Organic Carbon, Total (TOC)

**Lab Sample ID: MB 240-155702/4**

**Matrix: Water**

**Analysis Batch: 155702**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0		mg/L			11/08/14 14:06	1

**Lab Sample ID: LCS 240-155702/6**

**Matrix: Water**

**Analysis Batch: 155702**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	53.8	54.1		mg/L		101	88 - 115

**Lab Sample ID: LLCS 240-155702/5**

**Matrix: Water**

**Analysis Batch: 155702**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	5.38	5.13		mg/L		95	50 - 150

# QC Association Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

## GC/MS VOA

### Analysis Batch: 156810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44061-9	FB-301-2014-F	Total/NA	Water	8260B	
240-44061-10	MW-57-2014-F	Total/NA	Water	8260B	
240-44061-11	TRIP BLANKS	Total/NA	Water	8260B	
LCS 240-156810/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-156810/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 157283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44061-1	MW-55-2014-F	Total/NA	Water	8260B	
240-44061-1 MS	MW-55-2014-F	Total/NA	Water	8260B	
240-44061-1 MSD	MW-55-2014-F	Total/NA	Water	8260B	
240-44061-2	MW-56-2014-F	Total/NA	Water	8260B	
240-44061-3	MW-49-2014-F	Total/NA	Water	8260B	
240-44061-4	MW-50-2014-F	Total/NA	Water	8260B	
240-44061-5	FD-201-2014-F	Total/NA	Water	8260B	
240-44061-6	MW-43-2014-F	Total/NA	Water	8260B	
240-44061-7	MW-44-2014-F	Total/NA	Water	8260B	
240-44061-8	MW-14-2014-F	Total/NA	Water	8260B	
LCS 240-157283/3	Lab Control Sample	Total/NA	Water	8260B	
MB 240-157283/5	Method Blank	Total/NA	Water	8260B	

## Metals

### Prep Batch: 156016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44061-1	MW-55-2014-F	Total Recoverable	Water	3005A	
240-44061-1 MS	MW-55-2014-F	Total Recoverable	Water	3005A	
240-44061-1 MSD	MW-55-2014-F	Total Recoverable	Water	3005A	
240-44061-2	MW-56-2014-F	Total Recoverable	Water	3005A	
240-44061-3	MW-49-2014-F	Total Recoverable	Water	3005A	
240-44061-4	MW-50-2014-F	Total Recoverable	Water	3005A	
240-44061-5	FD-201-2014-F	Total Recoverable	Water	3005A	
240-44061-6	MW-43-2014-F	Total Recoverable	Water	3005A	
240-44061-7	MW-44-2014-F	Total Recoverable	Water	3005A	
240-44061-8	MW-14-2014-F	Total Recoverable	Water	3005A	
240-44061-9	FB-301-2014-F	Total Recoverable	Water	3005A	
240-44061-10	MW-57-2014-F	Total Recoverable	Water	3005A	
LCS 240-156016/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-156016/1-A	Method Blank	Total Recoverable	Water	3005A	

### Analysis Batch: 156347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44061-1	MW-55-2014-F	Total Recoverable	Water	6010B	156016
240-44061-1 MS	MW-55-2014-F	Total Recoverable	Water	6010B	156016
240-44061-1 MSD	MW-55-2014-F	Total Recoverable	Water	6010B	156016
240-44061-2	MW-56-2014-F	Total Recoverable	Water	6010B	156016
240-44061-3	MW-49-2014-F	Total Recoverable	Water	6010B	156016
240-44061-4	MW-50-2014-F	Total Recoverable	Water	6010B	156016
240-44061-5	FD-201-2014-F	Total Recoverable	Water	6010B	156016
240-44061-6	MW-43-2014-F	Total Recoverable	Water	6010B	156016

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# QC Association Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

## Metals (Continued)

### Analysis Batch: 156347 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44061-7	MW-44-2014-F	Total Recoverable	Water	6010B	156016
240-44061-8	MW-14-2014-F	Total Recoverable	Water	6010B	156016
240-44061-9	FB-301-2014-F	Total Recoverable	Water	6010B	156016
240-44061-10	MW-57-2014-F	Total Recoverable	Water	6010B	156016
LCS 240-156016/2-A	Lab Control Sample	Total Recoverable	Water	6010B	156016
MB 240-156016/1-A	Method Blank	Total Recoverable	Water	6010B	156016

## General Chemistry

### Analysis Batch: 155399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44061-1	MW-55-2014-F	Total/NA	Water	7196A	
240-44061-1 MS	MW-55-2014-F	Total/NA	Water	7196A	
240-44061-1 MSD	MW-55-2014-F	Total/NA	Water	7196A	
240-44061-2	MW-56-2014-F	Total/NA	Water	7196A	
240-44061-3	MW-49-2014-F	Total/NA	Water	7196A	
240-44061-4	MW-50-2014-F	Total/NA	Water	7196A	
240-44061-5	FD-201-2014-F	Total/NA	Water	7196A	
240-44061-6	MW-43-2014-F	Total/NA	Water	7196A	
240-44061-7	MW-44-2014-F	Total/NA	Water	7196A	
240-44061-8	MW-14-2014-F	Total/NA	Water	7196A	
240-44061-9	FB-301-2014-F	Total/NA	Water	7196A	
240-44061-10	MW-57-2014-F	Total/NA	Water	7196A	
LCS 240-155399/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-155399/3	Method Blank	Total/NA	Water	7196A	

### Analysis Batch: 155702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44061-2	MW-56-2014-F	Total/NA	Water	9060	
LCS 240-155702/6	Lab Control Sample	Total/NA	Water	9060	
LLCS 240-155702/5	Lab Control Sample	Total/NA	Water	9060	
MB 240-155702/4	Method Blank	Total/NA	Water	9060	

# Lab Chronicle

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

**Client Sample ID: MW-55-2014-F**

**Lab Sample ID: 240-44061-1**

Date Collected: 11/06/14 08:15

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		71.43	157283	11/19/14 03:08	RJQ	TAL CAN
Total Recoverable	Prep	3005A			156016	11/11/14 10:12	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156347	11/12/14 20:31	KLC	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 08:20	LKG	TAL CAN

**Client Sample ID: MW-56-2014-F**

**Lab Sample ID: 240-44061-2**

Date Collected: 11/06/14 09:00

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		66.67	157283	11/19/14 03:30	RJQ	TAL CAN
Total Recoverable	Prep	3005A			156016	11/11/14 10:12	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156347	11/12/14 21:39	KLC	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 08:21	LKG	TAL CAN
Total/NA	Analysis	9060		1	155702	11/08/14 20:23	TPH	TAL CAN

**Client Sample ID: MW-49-2014-F**

**Lab Sample ID: 240-44061-3**

Date Collected: 11/06/14 10:25

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		16.67	157283	11/19/14 03:53	RJQ	TAL CAN
Total Recoverable	Prep	3005A			156016	11/11/14 10:12	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156347	11/12/14 21:43	KLC	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 09:45	LKG	TAL CAN

**Client Sample ID: MW-50-2014-F**

**Lab Sample ID: 240-44061-4**

Date Collected: 11/06/14 11:55

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	157283	11/19/14 04:15	RJQ	TAL CAN
Total Recoverable	Prep	3005A			156016	11/11/14 10:12	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156347	11/12/14 21:47	KLC	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 09:45	LKG	TAL CAN

**Client Sample ID: FD-201-2014-F**

**Lab Sample ID: 240-44061-5**

Date Collected: 11/06/14 12:00

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		12.5	157283	11/19/14 04:38	RJQ	TAL CAN

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# Lab Chronicle

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

## Client Sample ID: FD-201-2014-F

Lab Sample ID: 240-44061-5

Date Collected: 11/06/14 12:00

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			156016	11/11/14 10:12	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156347	11/12/14 21:59	KLC	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 09:45	LKG	TAL CAN

## Client Sample ID: MW-43-2014-F

Lab Sample ID: 240-44061-6

Date Collected: 11/06/14 12:45

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		12.5	157283	11/19/14 05:00	RJQ	TAL CAN
Total Recoverable	Prep	3005A			156016	11/11/14 10:12	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156347	11/12/14 22:03	KLC	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 09:46	LKG	TAL CAN

## Client Sample ID: MW-44-2014-F

Lab Sample ID: 240-44061-7

Date Collected: 11/06/14 13:45

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	157283	11/19/14 05:23	RJQ	TAL CAN
Total Recoverable	Prep	3005A			156016	11/11/14 10:12	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156347	11/12/14 22:07	KLC	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 09:47	LKG	TAL CAN

## Client Sample ID: MW-14-2014-F

Lab Sample ID: 240-44061-8

Date Collected: 11/06/14 14:50

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		33.33	157283	11/19/14 09:20	RJQ	TAL CAN
Total Recoverable	Prep	3005A			156016	11/11/14 10:12	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156347	11/12/14 22:11	KLC	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 09:47	LKG	TAL CAN

## Client Sample ID: FB-301-2014-F

Lab Sample ID: 240-44061-9

Date Collected: 11/06/14 15:00

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	156810	11/15/14 13:15	LEE	TAL CAN
Total Recoverable	Prep	3005A			156016	11/11/14 10:12	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156347	11/12/14 22:16	KLC	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

## Client Sample ID: FB-301-2014-F

Lab Sample ID: 240-44061-9

Date Collected: 11/06/14 15:00

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7196A		1	155399	11/07/14 09:46	LKG	TAL CAN

## Client Sample ID: MW-57-2014-F

Lab Sample ID: 240-44061-10

Date Collected: 11/06/14 15:20

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	156810	11/15/14 13:37	LEE	TAL CAN
Total Recoverable	Prep	3005A			156016	11/11/14 10:12	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156347	11/12/14 22:20	KLC	TAL CAN
Total/NA	Analysis	7196A		1	155399	11/07/14 09:46	LKG	TAL CAN

## Client Sample ID: TRIP BLANKS

Lab Sample ID: 240-44061-11

Date Collected: 11/06/14 00:00

Matrix: Water

Date Received: 11/07/14 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	156810	11/15/14 13:59	LEE	TAL CAN

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

# Certification Summary

Client: T&M Associates  
 Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44061-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-15
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-15
Georgia	State Program	4	N/A	06-30-15
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	01-31-15
Kentucky (UST)	State Program	4	58	06-30-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-15

\* Certification renewal pending - certification considered valid.



**TestAmerica**

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-44061 Chain of Custody



North Canton, OH 44720  
Phone: 330.497.3396 Fax: 330.497.0772

Regulatory Program:  DW  NPDES  RCRA  Other:

Client Contact  
Company Name: **J&M Associates**  
Address: **4675 Lakehurst Ct. Suite 250**  
City/State/Zip: **Columbus/OH/43016**  
Phone: **614-339-3380**  
Fax: **614-389-7082**  
Project Name: **Meritor Grenada**  
Site: **Grenada, MS**  
P O #: **MERT-00071**

Project Manager: **Jim Peoples**  
Tel/Fax: **614-288-7201**  
Analysis Turnaround Time  
 CALENDAR DAYS  WORKING DAYS  
TAT if different from Below  
 2 weeks  
 1 week  
 2 days  
 1 day

Site Contact: **Bill Foster** Date: **11/6/14**  
Lab Contact: **Pat O'Heara** Carrier: **FedEx**  
COC No: \_\_\_\_\_ of \_\_\_\_\_ COCs

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs (L+S+7)	Total As, Pb, Cr	Cr (VI)	Total Organic Carbon (TOC)	Sample Specific Notes:
MW-55-2014-F	11/6/14	0815	G	H <sub>2</sub> O	15	N	Y	X	X	X	X	*extra volume for MS/MSD
MW-56-2014-F		0900			6	N	N	X	X	X	X	
MW-49-2014-F		1025			5	N	N	X	X	X	X	
MW-50-2014-F		1155			5	N	N	X	X	X	X	
FD-201-2014-F		1200			5	N	N	X	X	X	X	
MW-43-2014-F		1245			5	N	N	X	X	X	X	
MW-44-2014-F		1345			5	N	N	X	X	X	X	
MW-814-2014-F		1450			5	N	N	X	X	X	X	
FB-301-2014-F		1500			5	N	N	X	X	X	X	
MW-57-2014-F		1520			5	N	N	X	X	X	X	
Trip Blanks					2	N	N	X	X	X	X	

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other  
Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.  
 Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown  
 Return to Client  Dispose by Lab  Archive for \_\_\_\_\_ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Special Instructions/QC Requirements & Comments:  
**All sample times based on Central Standard Time (CST).**

Custody Seal No.: \_\_\_\_\_  
Relinquished by: **Rawn Pope** Date/Time: **11/6/14 1700**  
Company: **J&M Associates**  
Received by: **Gregory Bernard** Date/Time: **11/2/14 0800**  
Company: **J&M Associates**  
Received in Laboratory by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Company: \_\_\_\_\_



TestAmerica Canton Sample Receipt Form/Narrative  
 Canton Facility

Client T+M Assoc Site Name Meritor Cooler unpacked by: Derry Burns  
 Cooler Received on 11/7/14 Opened on 11/7/14  
 (FedEx: 1<sup>st</sup>) Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other

Receipt After-hours: Drop-off Date/Time \_\_\_\_\_ Storage Location \_\_\_\_\_

TestAmerica Cooler # Edison Foam Box Client Cooler Box Other \_\_\_\_\_  
 Packing material used: Bubble Wrap Foam Plastic Bag None Other \_\_\_\_\_  
 COOLANT: Wet Ice Blue Ice Dry Ice Water None

- Cooler temperature upon receipt  
 IR GUN# A (CF +4.0 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C  
 IR GUN# 4 (CF +1.2 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C  
 IR GUN# 5 (CF +0.4 °C) Observed Cooler Temp. 2.8 °C Corrected Cooler Temp. 3.2 °C  
 IR GUN# 8 (CF +0.7 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C
- Were custody seals on the outside of the cooler(s)? If Yes Quantity 1  Yes No  
 -Were custody seals on the outside of the cooler(s) signed & dated?  Yes No NA  
 -Were custody seals on the bottle(s)?  Yes No
- Shippers' packing slip attached to the cooler(s)?  Yes No
- Did custody papers accompany the sample(s)?  Yes No
- Were the custody papers relinquished & signed in the appropriate place?  Yes No
- Did all bottles arrive in good condition (Unbroken)?  Yes No
- Could all bottle labels be reconciled with the COC?  Yes No
- Were correct bottle(s) used for the test(s) indicated?  Yes No
- Sufficient quantity received to perform indicated analyses?  Yes No
- Were sample(s) at the correct pH upon receipt?  Yes No NA pH Strip Lot# HC425511
- Were VOAs on the COC?  Yes No
- Were air bubbles >6 mm in any VOA vials? Yes  No NA
- Was a trip blank present in the cooler(s)?  Yes No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other  
 Concerning \_\_\_\_\_

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: Jessie Baroni

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15. SAMPLE CONDITION

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.  
 Sample(s) \_\_\_\_\_ were received in a broken container.  
 Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.  
 Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container pH</u>	<u>Preservative Added (mls)</u>	<u>Lot #</u>
MW-55-2014-F	240-44061-M-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-55-2014-F	240-44061-N-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-55-2014-F	240-44061-O-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-56-2014-F	240-44061-F-2	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-49-2014-F	240-44061-E-3	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-50-2014-F	240-44061-E-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
FD-201-2014-F	240-44061-E-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-43-2014-F	240-44061-E-6	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-44-2014-F	240-44061-E-7	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-14-2014-F	240-44061-E-8	Plastic 500ml - with Nitric Acid	<2	_____	_____
FB-301-2014-F	240-44061-E-9	Plastic 500ml - with Nitric Acid	<2	_____	_____
MW-57-2014-F	240-44061-E-10	Plastic 500ml - with Nitric Acid	<2	_____	_____



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-44149-1

Client Project/Site: Meritor Grenada

For:

T&M Associates

4675 Lakehurst Court

Suite 250

Columbus, Ohio 43016

Attn: Jim Peeples



Authorized for release by:

11/17/2014 5:34:36 PM

Patrick O'Meara, Manager of Project Management

(330)966-5725

[patrick.omeara@testamericainc.com](mailto:patrick.omeara@testamericainc.com)

### LINKS

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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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# Definitions/Glossary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

## Qualifiers

### General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

**Job ID: 240-44149-1**

**Laboratory: TestAmerica Canton**

**Narrative**

## CASE NARRATIVE

**Client: T&M Associates**

**Project: Meritor Grenada**

**Report Number: 240-44149-1**

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

### **RECEIPT**

The samples were received on 11/8/2014 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.2° C.

### **VOLATILE ORGANIC COMPOUNDS (GCMS)**

Samples SW-17-2014-F (240-44149-1), SW-9-2014-F (240-44149-2), SW-19-2014-F (240-44149-3), SW-12-2014-F (240-44149-4), SW-22-2014-F (240-44149-5), FD-301-2014-F (240-44149-6) and TRIP BLANK (240-44149-7) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/16/2014.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

### **TOTAL RECOVERABLE METALS (ICP)**

Samples SW-17-2014-F (240-44149-1), SW-9-2014-F (240-44149-2), SW-19-2014-F (240-44149-3), SW-12-2014-F (240-44149-4), SW-22-2014-F (240-44149-5) and FD-301-2014-F (240-44149-6) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 11/11/2014 and analyzed on 11/12/2014.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

### **HEXAVALENT CHROMIUM**

Samples SW-17-2014-F (240-44149-1), SW-9-2014-F (240-44149-2), SW-19-2014-F (240-44149-3), SW-12-2014-F (240-44149-4), SW-22-2014-F (240-44149-5) and FD-301-2014-F (240-44149-6) were analyzed for hexavalent chromium in accordance with EPA SW-846 Method 7196A. The samples were analyzed on 11/08/2014.

## Case Narrative

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

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### Job ID: 240-44149-1 (Continued)

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#### Laboratory: TestAmerica Canton (Continued)

The following samples were received with insufficient time remaining on a test with a holding time of 48 hours or less for the laboratory to perform the analysis within holding time: SW-17-2014-F (240-44149-1), SW-19-2014-F (240-44149-3), SW-22-2014-F (240-44149-5), and SW-9-2014-F (240-44149-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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# Method Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
6010B	Metals (ICP)	SW846	TAL CAN
7196A	Chromium, Hexavalent	SW846	TAL CAN

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

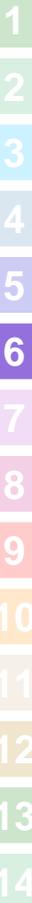


# Sample Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-44149-1	SW-17-2014-F	Water	11/07/14 09:20	11/08/14 10:00
240-44149-2	SW-9-2014-F	Water	11/07/14 09:00	11/08/14 10:00
240-44149-3	SW-19-2014-F	Water	11/07/14 09:40	11/08/14 10:00
240-44149-4	SW-12-2014-F	Water	11/07/14 10:10	11/08/14 10:00
240-44149-5	SW-22-2014-F	Water	11/07/14 09:55	11/08/14 10:00
240-44149-6	FD-301-2014-F	Water	11/07/14 11:00	11/08/14 10:00
240-44149-7	TRIP BLANK	Water	11/07/14 00:00	11/08/14 10:00



# Detection Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

## Client Sample ID: SW-17-2014-F

Lab Sample ID: 240-44149-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	17		1.0		ug/L			1	8260B	Total/NA
Trichloroethene	3.8		1.0		ug/L			1	8260B	Total/NA
Vinyl chloride	2.7		1.0		ug/L			1	8260B	Total/NA

## Client Sample ID: SW-9-2014-F

Lab Sample ID: 240-44149-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	25		1.0		ug/L			1	8260B	Total/NA
Trichloroethene	5.5		1.0		ug/L			1	8260B	Total/NA
Vinyl chloride	3.8		1.0		ug/L			1	8260B	Total/NA

## Client Sample ID: SW-19-2014-F

Lab Sample ID: 240-44149-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	20		1.0		ug/L			1	8260B	Total/NA
Trichloroethene	5.1		1.0		ug/L			1	8260B	Total/NA
Vinyl chloride	3.3		1.0		ug/L			1	8260B	Total/NA

## Client Sample ID: SW-12-2014-F

Lab Sample ID: 240-44149-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.1		1.0		ug/L			1	8260B	Total/NA
Trichloroethene	2.2		1.0		ug/L			1	8260B	Total/NA

## Client Sample ID: SW-22-2014-F

Lab Sample ID: 240-44149-5

No Detections.

## Client Sample ID: FD-301-2014-F

Lab Sample ID: 240-44149-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	19		1.0		ug/L			1	8260B	Total/NA
Trichloroethene	5.2		1.0		ug/L			1	8260B	Total/NA
Vinyl chloride	3.2		1.0		ug/L			1	8260B	Total/NA

## Client Sample ID: TRIP BLANK

Lab Sample ID: 240-44149-7

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

**Client Sample ID: SW-17-2014-F**

**Lab Sample ID: 240-44149-1**

**Date Collected: 11/07/14 09:20**

**Matrix: Water**

**Date Received: 11/08/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/16/14 03:57	1
1,1-Dichloroethene	ND		1.0		ug/L			11/16/14 03:57	1
1,2-Dichloroethane	ND		1.0		ug/L			11/16/14 03:57	1
Benzene	ND		1.0		ug/L			11/16/14 03:57	1
<b>cis-1,2-Dichloroethene</b>	<b>17</b>		1.0		ug/L			11/16/14 03:57	1
Tetrachloroethene	ND		1.0		ug/L			11/16/14 03:57	1
Toluene	ND		1.0		ug/L			11/16/14 03:57	1
<b>Trichloroethene</b>	<b>3.8</b>		1.0		ug/L			11/16/14 03:57	1
<b>Vinyl chloride</b>	<b>2.7</b>		1.0		ug/L			11/16/14 03:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		11/16/14 03:57	1
4-Bromofluorobenzene (Surr)	90		66 - 120		11/16/14 03:57	1
Toluene-d8 (Surr)	88		74 - 120		11/16/14 03:57	1
Dibromofluoromethane (Surr)	88		75 - 121		11/16/14 03:57	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/11/14 10:25	11/12/14 19:43	1
Chromium	ND		5.0		ug/L		11/11/14 10:25	11/12/14 19:43	1
Lead	ND		3.0		ug/L		11/11/14 10:25	11/12/14 19:43	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			11/08/14 10:59	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

**Client Sample ID: SW-9-2014-F**

**Lab Sample ID: 240-44149-2**

**Date Collected: 11/07/14 09:00**

**Matrix: Water**

**Date Received: 11/08/14 10:00**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/16/14 04:19	1
1,1-Dichloroethene	ND		1.0		ug/L			11/16/14 04:19	1
1,2-Dichloroethane	ND		1.0		ug/L			11/16/14 04:19	1
Benzene	ND		1.0		ug/L			11/16/14 04:19	1
<b>cis-1,2-Dichloroethene</b>	<b>25</b>		1.0		ug/L			11/16/14 04:19	1
Tetrachloroethene	ND		1.0		ug/L			11/16/14 04:19	1
Toluene	ND		1.0		ug/L			11/16/14 04:19	1
<b>Trichloroethene</b>	<b>5.5</b>		1.0		ug/L			11/16/14 04:19	1
<b>Vinyl chloride</b>	<b>3.8</b>		1.0		ug/L			11/16/14 04:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		63 - 129		11/16/14 04:19	1
4-Bromofluorobenzene (Surr)	90		66 - 120		11/16/14 04:19	1
Toluene-d8 (Surr)	89		74 - 120		11/16/14 04:19	1
Dibromofluoromethane (Surr)	89		75 - 121		11/16/14 04:19	1

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/11/14 10:25	11/12/14 19:47	1
Chromium	ND		5.0		ug/L		11/11/14 10:25	11/12/14 19:47	1
Lead	ND		3.0		ug/L		11/11/14 10:25	11/12/14 19:47	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			11/08/14 11:01	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

**Client Sample ID: SW-19-2014-F**

**Lab Sample ID: 240-44149-3**

**Date Collected: 11/07/14 09:40**

**Matrix: Water**

**Date Received: 11/08/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/16/14 04:41	1
1,1-Dichloroethene	ND		1.0		ug/L			11/16/14 04:41	1
1,2-Dichloroethane	ND		1.0		ug/L			11/16/14 04:41	1
Benzene	ND		1.0		ug/L			11/16/14 04:41	1
<b>cis-1,2-Dichloroethene</b>	<b>20</b>		1.0		ug/L			11/16/14 04:41	1
Tetrachloroethene	ND		1.0		ug/L			11/16/14 04:41	1
Toluene	ND		1.0		ug/L			11/16/14 04:41	1
<b>Trichloroethene</b>	<b>5.1</b>		1.0		ug/L			11/16/14 04:41	1
<b>Vinyl chloride</b>	<b>3.3</b>		1.0		ug/L			11/16/14 04:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		63 - 129		11/16/14 04:41	1
4-Bromofluorobenzene (Surr)	89		66 - 120		11/16/14 04:41	1
Toluene-d8 (Surr)	87		74 - 120		11/16/14 04:41	1
Dibromofluoromethane (Surr)	89		75 - 121		11/16/14 04:41	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/11/14 10:25	11/12/14 19:51	1
Chromium	ND		5.0		ug/L		11/11/14 10:25	11/12/14 19:51	1
Lead	ND		3.0		ug/L		11/11/14 10:25	11/12/14 19:51	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			11/08/14 11:01	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

**Client Sample ID: SW-12-2014-F**

**Lab Sample ID: 240-44149-4**

**Date Collected: 11/07/14 10:10**

**Matrix: Water**

**Date Received: 11/08/14 10:00**

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/16/14 05:03	1
1,1-Dichloroethene	ND		1.0		ug/L			11/16/14 05:03	1
1,2-Dichloroethane	ND		1.0		ug/L			11/16/14 05:03	1
Benzene	ND		1.0		ug/L			11/16/14 05:03	1
<b>cis-1,2-Dichloroethene</b>	<b>2.1</b>		1.0		ug/L			11/16/14 05:03	1
Tetrachloroethene	ND		1.0		ug/L			11/16/14 05:03	1
Toluene	ND		1.0		ug/L			11/16/14 05:03	1
<b>Trichloroethene</b>	<b>2.2</b>		1.0		ug/L			11/16/14 05:03	1
Vinyl chloride	ND		1.0		ug/L			11/16/14 05:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		63 - 129		11/16/14 05:03	1
4-Bromofluorobenzene (Surr)	94		66 - 120		11/16/14 05:03	1
Toluene-d8 (Surr)	86		74 - 120		11/16/14 05:03	1
Dibromofluoromethane (Surr)	89		75 - 121		11/16/14 05:03	1

### Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/11/14 10:25	11/12/14 18:47	1
Chromium	ND		5.0		ug/L		11/11/14 10:25	11/12/14 18:47	1
Lead	ND		3.0		ug/L		11/11/14 10:25	11/12/14 18:47	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/08/14 10:56	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

**Client Sample ID: SW-22-2014-F**

**Lab Sample ID: 240-44149-5**

**Date Collected: 11/07/14 09:55**

**Matrix: Water**

**Date Received: 11/08/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/16/14 05:26	1
1,1-Dichloroethene	ND		1.0		ug/L			11/16/14 05:26	1
1,2-Dichloroethane	ND		1.0		ug/L			11/16/14 05:26	1
Benzene	ND		1.0		ug/L			11/16/14 05:26	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			11/16/14 05:26	1
Tetrachloroethene	ND		1.0		ug/L			11/16/14 05:26	1
Toluene	ND		1.0		ug/L			11/16/14 05:26	1
Trichloroethene	ND		1.0		ug/L			11/16/14 05:26	1
Vinyl chloride	ND		1.0		ug/L			11/16/14 05:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		63 - 129		11/16/14 05:26	1
4-Bromofluorobenzene (Surr)	88		66 - 120		11/16/14 05:26	1
Toluene-d8 (Surr)	87		74 - 120		11/16/14 05:26	1
Dibromofluoromethane (Surr)	88		75 - 121		11/16/14 05:26	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/11/14 10:25	11/12/14 19:55	1
Chromium	ND		5.0		ug/L		11/11/14 10:25	11/12/14 19:55	1
Lead	ND		3.0		ug/L		11/11/14 10:25	11/12/14 19:55	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND	H	0.020		mg/L			11/08/14 11:00	1

# Client Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

**Client Sample ID: FD-301-2014-F**

**Lab Sample ID: 240-44149-6**

**Date Collected: 11/07/14 11:00**

**Matrix: Water**

**Date Received: 11/08/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/16/14 05:48	1
1,1-Dichloroethene	ND		1.0		ug/L			11/16/14 05:48	1
1,2-Dichloroethane	ND		1.0		ug/L			11/16/14 05:48	1
Benzene	ND		1.0		ug/L			11/16/14 05:48	1
<b>cis-1,2-Dichloroethene</b>	<b>19</b>		1.0		ug/L			11/16/14 05:48	1
Tetrachloroethene	ND		1.0		ug/L			11/16/14 05:48	1
Toluene	ND		1.0		ug/L			11/16/14 05:48	1
<b>Trichloroethene</b>	<b>5.2</b>		1.0		ug/L			11/16/14 05:48	1
<b>Vinyl chloride</b>	<b>3.2</b>		1.0		ug/L			11/16/14 05:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		63 - 129		11/16/14 05:48	1
4-Bromofluorobenzene (Surr)	92		66 - 120		11/16/14 05:48	1
Toluene-d8 (Surr)	89		74 - 120		11/16/14 05:48	1
Dibromofluoromethane (Surr)	89		75 - 121		11/16/14 05:48	1

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		10		ug/L		11/11/14 10:25	11/12/14 19:59	1
Chromium	ND		5.0		ug/L		11/11/14 10:25	11/12/14 19:59	1
Lead	ND		3.0		ug/L		11/11/14 10:25	11/12/14 19:59	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/08/14 10:59	1

# Client Sample Results

Client: T&M Associates  
 Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 240-44149-7**

**Date Collected: 11/07/14 00:00**

**Matrix: Water**

**Date Received: 11/08/14 10:00**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/16/14 06:10	1
1,1-Dichloroethene	ND		1.0		ug/L			11/16/14 06:10	1
1,2-Dichloroethane	ND		1.0		ug/L			11/16/14 06:10	1
Benzene	ND		1.0		ug/L			11/16/14 06:10	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			11/16/14 06:10	1
Tetrachloroethene	ND		1.0		ug/L			11/16/14 06:10	1
Toluene	ND		1.0		ug/L			11/16/14 06:10	1
Trichloroethene	ND		1.0		ug/L			11/16/14 06:10	1
Vinyl chloride	ND		1.0		ug/L			11/16/14 06:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129					11/16/14 06:10	1
4-Bromofluorobenzene (Surr)	89		66 - 120					11/16/14 06:10	1
Toluene-d8 (Surr)	84		74 - 120					11/16/14 06:10	1
Dibromofluoromethane (Surr)	88		75 - 121					11/16/14 06:10	1

# Surrogate Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-120)	TOL (74-120)	DBFM (75-121)
240-44149-1	SW-17-2014-F	84	90	88	88
240-44149-2	SW-9-2014-F	85	90	89	89
240-44149-3	SW-19-2014-F	86	89	87	89
240-44149-4	SW-12-2014-F	86	94	86	89
240-44149-4 MS	SW-12-2014-F	86	94	90	87
240-44149-4 MSD	SW-12-2014-F	84	93	87	87
240-44149-5	SW-22-2014-F	86	88	87	88
240-44149-6	FD-301-2014-F	85	92	89	89
240-44149-7	TRIP BLANK	87	89	84	88
LCS 240-156841/4	Lab Control Sample	89	97	91	86
MB 240-156841/5	Method Blank	91	92	89	88

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

# QC Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-156841/5**

**Matrix: Water**

**Analysis Batch: 156841**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/L			11/16/14 00:13	1
1,1-Dichloroethene	ND		1.0		ug/L			11/16/14 00:13	1
1,2-Dichloroethane	ND		1.0		ug/L			11/16/14 00:13	1
Benzene	ND		1.0		ug/L			11/16/14 00:13	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			11/16/14 00:13	1
Tetrachloroethene	ND		1.0		ug/L			11/16/14 00:13	1
Toluene	ND		1.0		ug/L			11/16/14 00:13	1
Trichloroethene	ND		1.0		ug/L			11/16/14 00:13	1
Vinyl chloride	ND		1.0		ug/L			11/16/14 00:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		11/16/14 00:13	1
4-Bromofluorobenzene (Surr)	92		66 - 120		11/16/14 00:13	1
Toluene-d8 (Surr)	89		74 - 120		11/16/14 00:13	1
Dibromofluoromethane (Surr)	88		75 - 121		11/16/14 00:13	1

**Lab Sample ID: LCS 240-156841/4**

**Matrix: Water**

**Analysis Batch: 156841**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	10.0	10.0		ug/L		100	80 - 120
1,1-Dichloroethene	10.0	8.19		ug/L		82	78 - 131
1,2-Dichloroethane	10.0	9.49		ug/L		95	71 - 127
Benzene	10.0	8.93		ug/L		89	80 - 120
cis-1,2-Dichloroethene	10.0	8.62		ug/L		86	80 - 120
Tetrachloroethene	10.0	10.3		ug/L		103	79 - 120
Toluene	10.0	9.58		ug/L		96	80 - 120
Trichloroethene	10.0	9.42		ug/L		94	76 - 120
Vinyl chloride	10.0	7.66		ug/L		77	53 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		63 - 129
4-Bromofluorobenzene (Surr)	97		66 - 120
Toluene-d8 (Surr)	91		74 - 120
Dibromofluoromethane (Surr)	86		75 - 121

**Lab Sample ID: 240-44149-4 MS**

**Matrix: Water**

**Analysis Batch: 156841**

**Client Sample ID: SW-12-2014-F**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	ND		10.0	10.0		ug/L		100	75 - 120
1,1-Dichloroethene	ND		10.0	8.20		ug/L		82	74 - 135
1,2-Dichloroethane	ND		10.0	9.66		ug/L		97	68 - 129
Benzene	ND		10.0	8.93		ug/L		89	72 - 121
cis-1,2-Dichloroethene	2.1		10.0	10.8		ug/L		86	70 - 120

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# QC Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-44149-4 MS**

**Matrix: Water**

**Analysis Batch: 156841**

**Client Sample ID: SW-12-2014-F**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Tetrachloroethene	ND		10.0	8.86		ug/L		89	70 - 120
Toluene	ND		10.0	9.09		ug/L		91	78 - 120
Trichloroethene	2.2		10.0	10.8		ug/L		87	66 - 120
Vinyl chloride	ND		10.0	7.74		ug/L		77	49 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	86		63 - 129
4-Bromofluorobenzene (Surr)	94		66 - 120
Toluene-d8 (Surr)	90		74 - 120
Dibromofluoromethane (Surr)	87		75 - 121

**Lab Sample ID: 240-44149-4 MSD**

**Matrix: Water**

**Analysis Batch: 156841**

**Client Sample ID: SW-12-2014-F**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,2-Trichloroethane	ND		10.0	9.90		ug/L		99	75 - 120	1	30
1,1-Dichloroethene	ND		10.0	8.79		ug/L		88	74 - 135	7	30
1,2-Dichloroethane	ND		10.0	9.63		ug/L		96	68 - 129	0	30
Benzene	ND		10.0	8.98		ug/L		90	72 - 121	1	30
cis-1,2-Dichloroethene	2.1		10.0	10.7		ug/L		86	70 - 120	1	30
Tetrachloroethene	ND		10.0	9.63		ug/L		96	70 - 120	8	30
Toluene	ND		10.0	9.50		ug/L		95	78 - 120	4	30
Trichloroethene	2.2		10.0	11.6		ug/L		94	66 - 120	7	30
Vinyl chloride	ND		10.0	8.04		ug/L		80	49 - 130	4	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	84		63 - 129
4-Bromofluorobenzene (Surr)	93		66 - 120
Toluene-d8 (Surr)	87		74 - 120
Dibromofluoromethane (Surr)	87		75 - 121

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 240-156021/1-A**

**Matrix: Water**

**Analysis Batch: 156347**

**Client Sample ID: Method Blank**

**Prep Type: Total Recoverable**

**Prep Batch: 156021**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	ND		10		ug/L		11/11/14 10:25	11/12/14 09:00	1
Chromium	ND		5.0		ug/L		11/11/14 10:25	11/12/14 09:00	1
Lead	ND		3.0		ug/L		11/11/14 10:25	11/12/14 09:00	1

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# QC Sample Results

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-156021/2-A

Matrix: Water

Analysis Batch: 156347

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 156021

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2000	2010		ug/L		100	80 - 120
Chromium	200	196		ug/L		98	80 - 120
Lead	500	486		ug/L		97	80 - 120

Lab Sample ID: 240-44149-4 MS

Matrix: Water

Analysis Batch: 156347

Client Sample ID: SW-12-2014-F

Prep Type: Total Recoverable

Prep Batch: 156021

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		2000	2020		ug/L		101	75 - 125
Chromium	ND		200	200		ug/L		99	75 - 125
Lead	ND		500	486		ug/L		97	75 - 125

Lab Sample ID: 240-44149-4 MSD

Matrix: Water

Analysis Batch: 156347

Client Sample ID: SW-12-2014-F

Prep Type: Total Recoverable

Prep Batch: 156021

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Arsenic	ND		2000	2040		ug/L		102	75 - 125	1	20
Chromium	ND		200	201		ug/L		100	75 - 125	0	20
Lead	ND		500	490		ug/L		98	75 - 125	1	20

## Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-155591/3

Matrix: Water

Analysis Batch: 155591

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.020		mg/L			11/08/14 10:55	1

Lab Sample ID: LCS 240-155591/4

Matrix: Water

Analysis Batch: 155591

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.271		mg/L		109	80 - 118

Lab Sample ID: 240-44149-4 MS

Matrix: Water

Analysis Batch: 155591

Client Sample ID: SW-12-2014-F

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	ND		0.250	0.217		mg/L		87	41 - 136

TestAmerica Canton

# QC Sample Results

Client: T&M Associates  
 Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

## Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 240-44149-4 MSD  
 Matrix: Water  
 Analysis Batch: 155591

Client Sample ID: SW-12-2014-F  
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	ND		0.250	0.218		mg/L		87	41 - 136	1	20

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# QC Association Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

## GC/MS VOA

### Analysis Batch: 156841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44149-1	SW-17-2014-F	Total/NA	Water	8260B	
240-44149-2	SW-9-2014-F	Total/NA	Water	8260B	
240-44149-3	SW-19-2014-F	Total/NA	Water	8260B	
240-44149-4	SW-12-2014-F	Total/NA	Water	8260B	
240-44149-4 MS	SW-12-2014-F	Total/NA	Water	8260B	
240-44149-4 MSD	SW-12-2014-F	Total/NA	Water	8260B	
240-44149-5	SW-22-2014-F	Total/NA	Water	8260B	
240-44149-6	FD-301-2014-F	Total/NA	Water	8260B	
240-44149-7	TRIP BLANK	Total/NA	Water	8260B	
LCS 240-156841/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-156841/5	Method Blank	Total/NA	Water	8260B	

## Metals

### Prep Batch: 156021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44149-1	SW-17-2014-F	Total Recoverable	Water	3005A	
240-44149-2	SW-9-2014-F	Total Recoverable	Water	3005A	
240-44149-3	SW-19-2014-F	Total Recoverable	Water	3005A	
240-44149-4	SW-12-2014-F	Total Recoverable	Water	3005A	
240-44149-4 MS	SW-12-2014-F	Total Recoverable	Water	3005A	
240-44149-4 MSD	SW-12-2014-F	Total Recoverable	Water	3005A	
240-44149-5	SW-22-2014-F	Total Recoverable	Water	3005A	
240-44149-6	FD-301-2014-F	Total Recoverable	Water	3005A	
LCS 240-156021/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-156021/1-A	Method Blank	Total Recoverable	Water	3005A	

### Analysis Batch: 156347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44149-1	SW-17-2014-F	Total Recoverable	Water	6010B	156021
240-44149-2	SW-9-2014-F	Total Recoverable	Water	6010B	156021
240-44149-3	SW-19-2014-F	Total Recoverable	Water	6010B	156021
240-44149-4	SW-12-2014-F	Total Recoverable	Water	6010B	156021
240-44149-4 MS	SW-12-2014-F	Total Recoverable	Water	6010B	156021
240-44149-4 MSD	SW-12-2014-F	Total Recoverable	Water	6010B	156021
240-44149-5	SW-22-2014-F	Total Recoverable	Water	6010B	156021
240-44149-6	FD-301-2014-F	Total Recoverable	Water	6010B	156021
LCS 240-156021/2-A	Lab Control Sample	Total Recoverable	Water	6010B	156021
MB 240-156021/1-A	Method Blank	Total Recoverable	Water	6010B	156021

## General Chemistry

### Analysis Batch: 155591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44149-1	SW-17-2014-F	Total/NA	Water	7196A	
240-44149-2	SW-9-2014-F	Total/NA	Water	7196A	
240-44149-3	SW-19-2014-F	Total/NA	Water	7196A	
240-44149-4	SW-12-2014-F	Total/NA	Water	7196A	
240-44149-4 MS	SW-12-2014-F	Total/NA	Water	7196A	
240-44149-4 MSD	SW-12-2014-F	Total/NA	Water	7196A	

TestAmerica Canton

# QC Association Summary

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

## General Chemistry (Continued)

### Analysis Batch: 155591 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-44149-5	SW-22-2014-F	Total/NA	Water	7196A	
240-44149-6	FD-301-2014-F	Total/NA	Water	7196A	
LCS 240-155591/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-155591/3	Method Blank	Total/NA	Water	7196A	

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# Lab Chronicle

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

**Client Sample ID: SW-17-2014-F**

**Lab Sample ID: 240-44149-1**

Date Collected: 11/07/14 09:20

Matrix: Water

Date Received: 11/08/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	156841	11/16/14 03:57	LEE	TAL CAN
Total Recoverable	Prep	3005A			156021	11/11/14 10:25	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156347	11/12/14 19:43	KLC	TAL CAN
Total/NA	Analysis	7196A		1	155591	11/08/14 10:59	LCN	TAL CAN

**Client Sample ID: SW-9-2014-F**

**Lab Sample ID: 240-44149-2**

Date Collected: 11/07/14 09:00

Matrix: Water

Date Received: 11/08/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	156841	11/16/14 04:19	LEE	TAL CAN
Total Recoverable	Prep	3005A			156021	11/11/14 10:25	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156347	11/12/14 19:47	KLC	TAL CAN
Total/NA	Analysis	7196A		1	155591	11/08/14 11:01	LCN	TAL CAN

**Client Sample ID: SW-19-2014-F**

**Lab Sample ID: 240-44149-3**

Date Collected: 11/07/14 09:40

Matrix: Water

Date Received: 11/08/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	156841	11/16/14 04:41	LEE	TAL CAN
Total Recoverable	Prep	3005A			156021	11/11/14 10:25	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156347	11/12/14 19:51	KLC	TAL CAN
Total/NA	Analysis	7196A		1	155591	11/08/14 11:01	LCN	TAL CAN

**Client Sample ID: SW-12-2014-F**

**Lab Sample ID: 240-44149-4**

Date Collected: 11/07/14 10:10

Matrix: Water

Date Received: 11/08/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	156841	11/16/14 05:03	LEE	TAL CAN
Total Recoverable	Prep	3005A			156021	11/11/14 10:25	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156347	11/12/14 18:47	KLC	TAL CAN
Total/NA	Analysis	7196A		1	155591	11/08/14 10:56	LCN	TAL CAN

**Client Sample ID: SW-22-2014-F**

**Lab Sample ID: 240-44149-5**

Date Collected: 11/07/14 09:55

Matrix: Water

Date Received: 11/08/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	156841	11/16/14 05:26	LEE	TAL CAN
Total Recoverable	Prep	3005A			156021	11/11/14 10:25	WAL	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: T&M Associates  
Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

**Client Sample ID: SW-22-2014-F**

**Lab Sample ID: 240-44149-5**

Date Collected: 11/07/14 09:55

Matrix: Water

Date Received: 11/08/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6010B		1	156347	11/12/14 19:55	KLC	TAL CAN
Total/NA	Analysis	7196A		1	155591	11/08/14 11:00	LCN	TAL CAN

**Client Sample ID: FD-301-2014-F**

**Lab Sample ID: 240-44149-6**

Date Collected: 11/07/14 11:00

Matrix: Water

Date Received: 11/08/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	156841	11/16/14 05:48	LEE	TAL CAN
Total Recoverable	Prep	3005A			156021	11/11/14 10:25	WAL	TAL CAN
Total Recoverable	Analysis	6010B		1	156347	11/12/14 19:59	KLC	TAL CAN
Total/NA	Analysis	7196A		1	155591	11/08/14 10:59	LCN	TAL CAN

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 240-44149-7**

Date Collected: 11/07/14 00:00

Matrix: Water

Date Received: 11/08/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	156841	11/16/14 06:10	LEE	TAL CAN

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

# Certification Summary

Client: T&M Associates  
 Project/Site: Meritor Grenada

TestAmerica Job ID: 240-44149-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-15
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-15
Georgia	State Program	4	N/A	06-30-15
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	01-31-15
Kentucky (UST)	State Program	4	58	06-30-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-15

\* Certification renewal pending - certification considered valid.



**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-44149 Chain of Custody



Regulatory Program:  DW  NPDES  RCRA  Other:

Project Manager: <b>Jim Pezales</b>		Site Contact: <b>Bill Foster</b>	Date: <b>11/7/14</b>	COC No: _____
Tell/Fax: <b>614-288-7261</b>		Lab Contact: <b>Pat O'Meara</b>	Carrier: <b>FedEx</b>	_____ of _____ COCs
Analysis Turnaround Time		Sampler: _____		
<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		For Lab Use Only: _____		
TAT if different from Below _____		Walk-in Client: _____		
<input checked="" type="checkbox"/> 2 weeks		Lab Sampling: _____		
<input type="checkbox"/> 1 week		Job / SDG No.: _____		
<input type="checkbox"/> 2 days		Sample Specific Notes: _____		
<input type="checkbox"/> 1 day		_____		
Sample Date	Sample Time	Sample Type (C-Comp, G-Grab)	Matrix	# of Cont.
11/7/14	0920	G	H <sub>2</sub> O	5
11/7/14	0900	G	H <sub>2</sub> O	5
11/7/14	0940	G	H <sub>2</sub> O	5
11/7/14	1010	G	H <sub>2</sub> O	15
11/7/14	0955	G	H <sub>2</sub> O	5
11/7/14	1100	G	H <sub>2</sub> O	5
-	-	-	H <sub>2</sub> O	2
Filtered Sample (Y/N) _____ Perform MS/MSD (Y/N) _____ CR (VI) _____ Total Hg, Pb, Cr _____ VOCs (List 7) _____ *Extra Volume for MS/MSD				
Preservation Used: 1=Ice, 2=HCl, 3=H <sub>2</sub> SO <sub>4</sub> , 4=HNO <sub>3</sub> , 5=NaOH, 6=Other				
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.				
Special Instructions/QC Requirements & Comments:				
All sample times based on Central Standard time (CST).				
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temp. (°C): Obs'd: _____		
Relinquished by: <b>Laura Papp</b>		Company: <b>TAM Associates</b>		
Date/Time: _____		Date/Time: <b>11/7/14 1200</b>		
Relinquished by: _____		Company: _____		
Date/Time: _____		Date/Time: _____		
Relinquished by: _____		Company: <b>TAM</b>		
Date/Time: _____		Date/Time: <b>11/8/14 10:00</b>		



**TestAmerica Canton Sample Receipt Form/Narrative**  
**Canton Facility**

Login # : 44149

Client J+M associates Site Name Meritor Ecuadora Cooler unpacked by: [Signature]  
 Cooler Received on 11/8/14 Opened on 11/8/14  
 FedEx: 1<sup>st</sup> Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other \_\_\_\_\_

Receipt After-hours: Drop-off Date/Time \_\_\_\_\_ Storage Location \_\_\_\_\_

TestAmerica Cooler # TA no # Foam Box Client Cooler Box Other \_\_\_\_\_  
 Packing material used: Bubble Wrap Foam Plastic Bag None Other \_\_\_\_\_  
 COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt
 

IR GUN# A (CF +4.0 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C
IR GUN# 4 (CF +1.2 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C
IR GUN# 5 (CF +0.4 °C)	Observed Cooler Temp. <u>0.8</u> °C	Corrected Cooler Temp. <u>1.2</u> °C
IR GUN# 8 (CF +0.7 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1  Yes  No
  - Were custody seals on the outside of the cooler(s) signed & dated?  Yes  No NA
  - Were custody seals on the bottle(s)?  Yes  No
3. Shippers' packing slip attached to the cooler(s)?  Yes  No
4. Did custody papers accompany the sample(s)?  Yes  No
5. Were the custody papers relinquished & signed in the appropriate place?  Yes  No
6. Did all bottles arrive in good condition (Unbroken)?  Yes  No
7. Could all bottle labels be reconciled with the COC?  Yes  No
8. Were correct bottle(s) used for the test(s) indicated?  Yes  No
9. Sufficient quantity received to perform indicated analyses?  Yes  No
10. Were sample(s) at the correct pH upon receipt?  Yes  No NA pH Strip Lot# HC425511
11. Were VOAs on the COC?  Yes  No
12. Were air bubbles >6 mm in any VOA vials?  Yes  NO NA
13. Was a trip blank present in the cooler(s)?  Yes  No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other \_\_\_\_\_  
 Concerning \_\_\_\_\_

**14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES**

Samples processed by: [Signature]

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**15. SAMPLE CONDITION**

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.  
 Sample(s) \_\_\_\_\_ were received in a broken container.  
 Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

**16. SAMPLE PRESERVATION**

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.  
 Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container pH</u>	<u>Preservative Added (mls)</u>	<u>Lot #</u>
SW-17-2014-F	240-44149-E-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-9-2014-F	240-44149-E-2	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-19-2014-F	240-44149-E-3	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-12-2014-F	240-44149-M-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-12-2014-F	240-44149-N-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-12-2014-F	240-44149-O-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
SW-22-2014-F	240-44149-E-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
FD-301-2014-F	240-44149-E-6	Plastic 500ml - with Nitric Acid	<2	_____	_____



## Appendix C

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### Concentration Time Series Plots

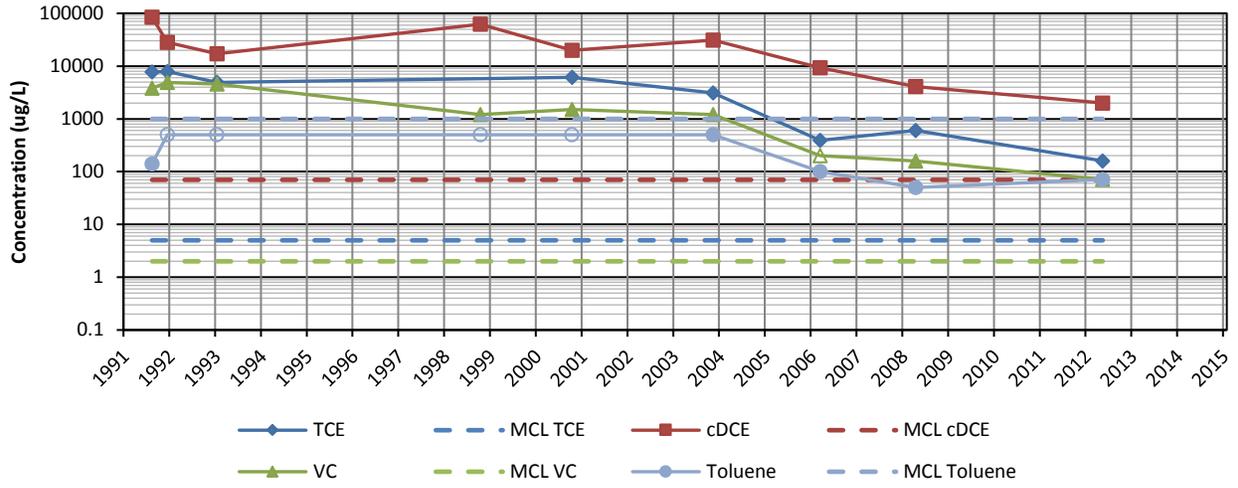
- Groundwater VOC Plots
- Groundwater Metals Plots
- Surface Water VOC Plots
- Surface Water Metals Plots



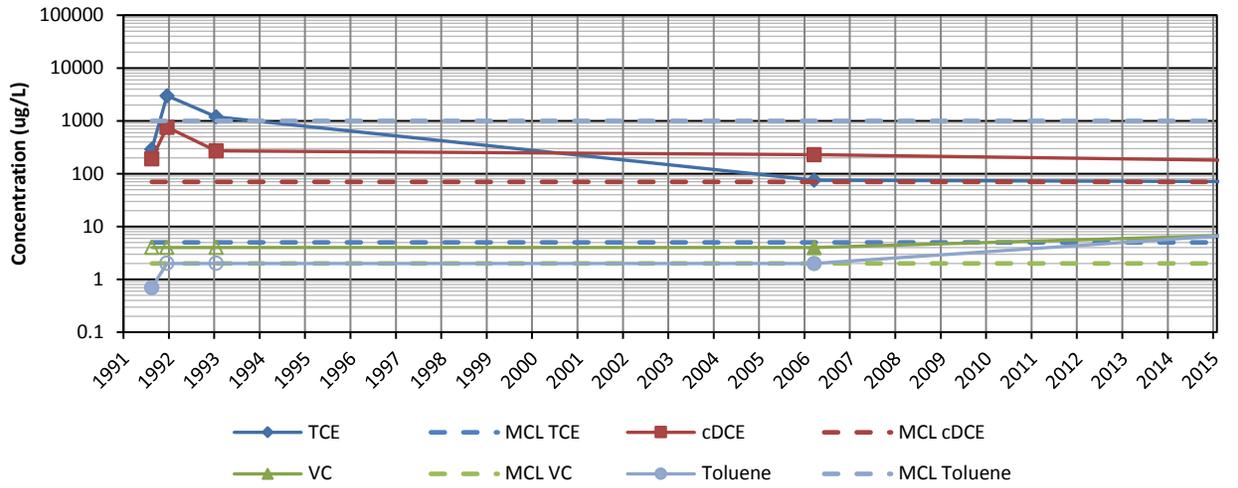
## Groundwater VOC Plots



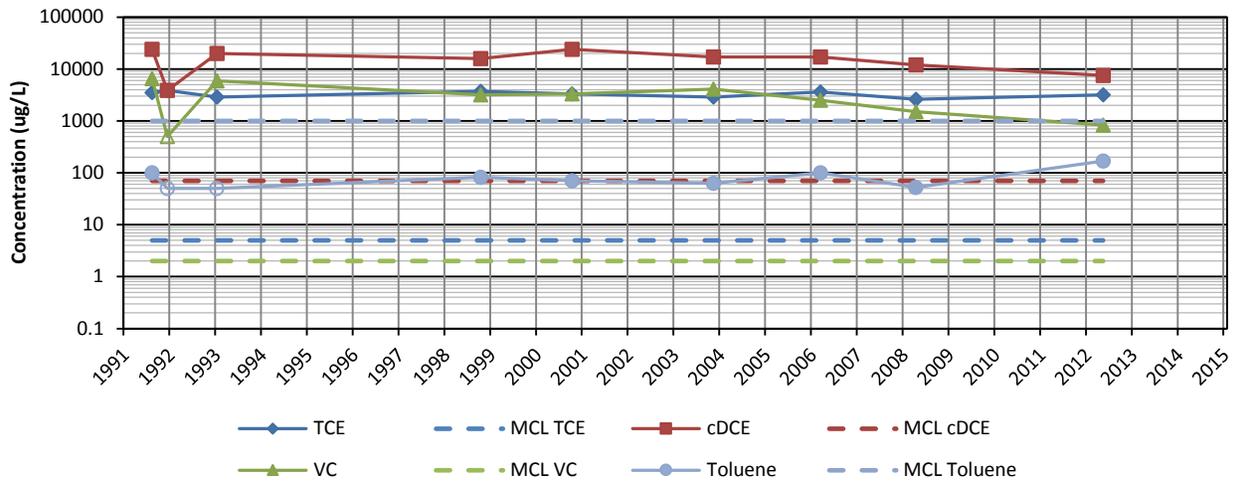
### MW-1 VOCs



### MW-3 VOCs



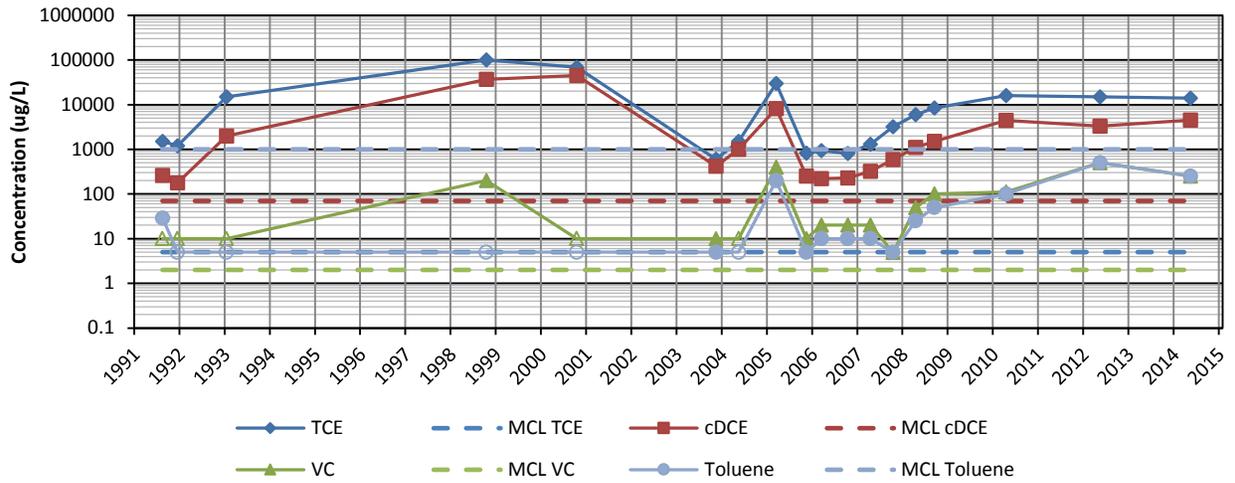
### MW-4 VOCs



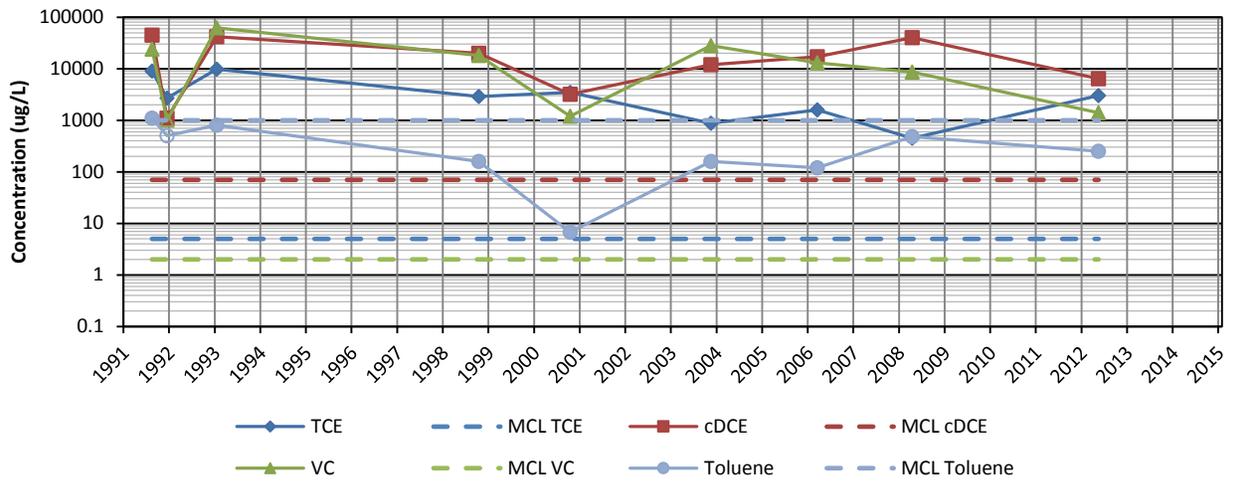
NOTES:

Hollow symbols are historical non-detect data where the reporting limit was estimated.

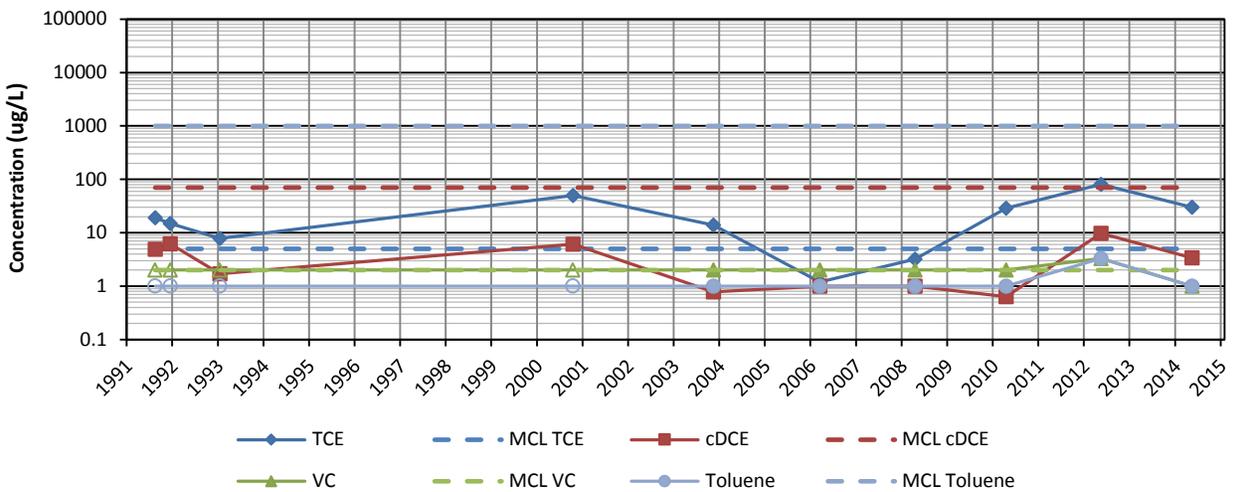
### MW-5 VOCs



### MW-6 VOCs



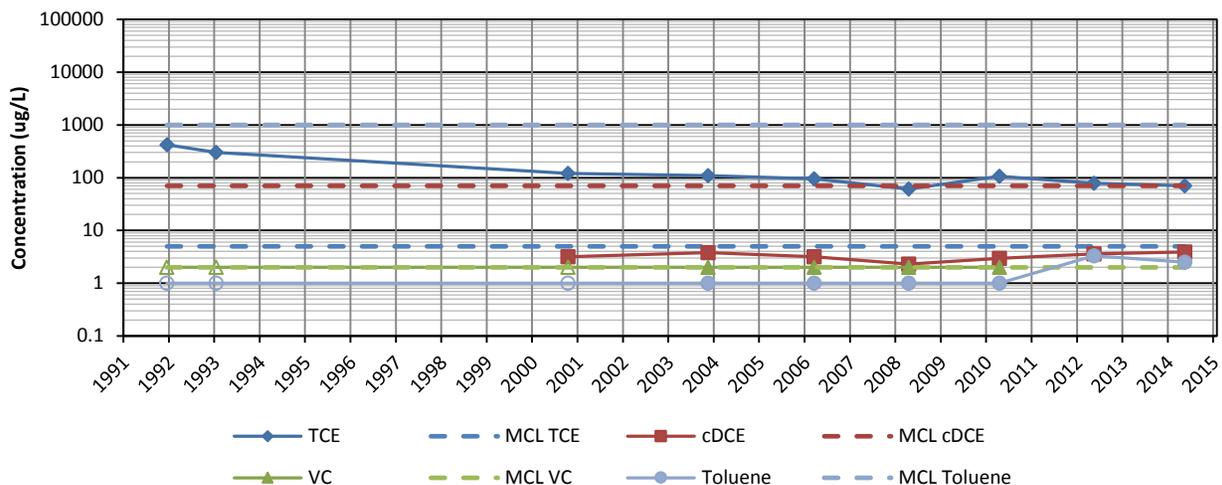
### MW-7 VOCs



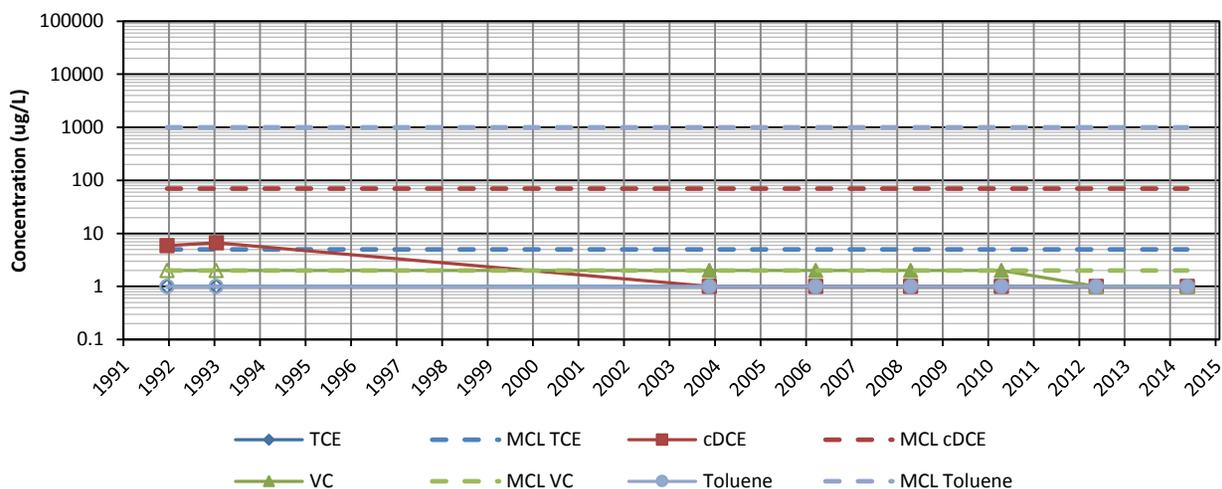
NOTES:

Hollow symbols are historical non-detect data where the reporting limit was estimated.

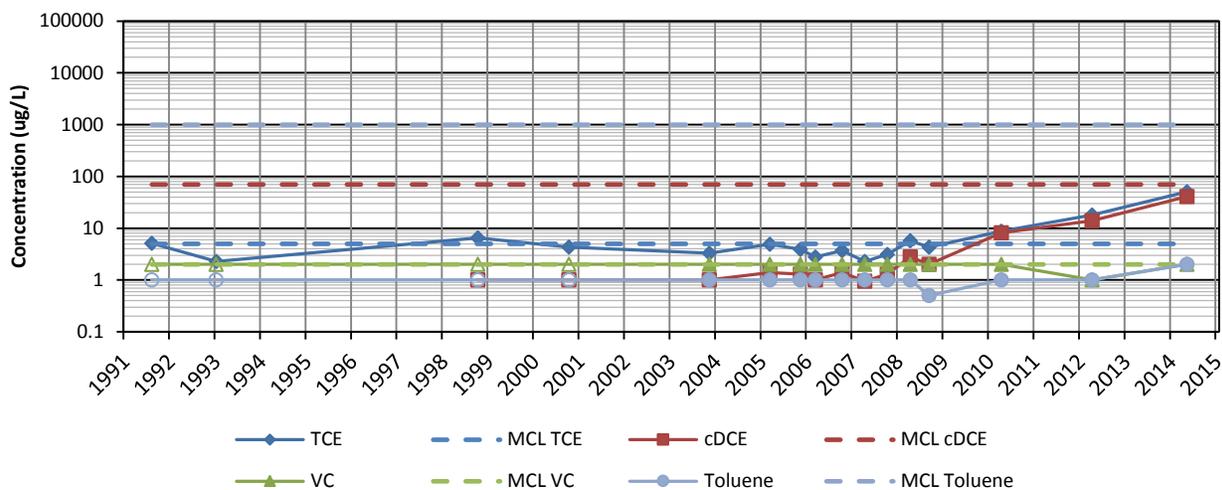
### MW-8 VOCs



### MW-9 VOCs



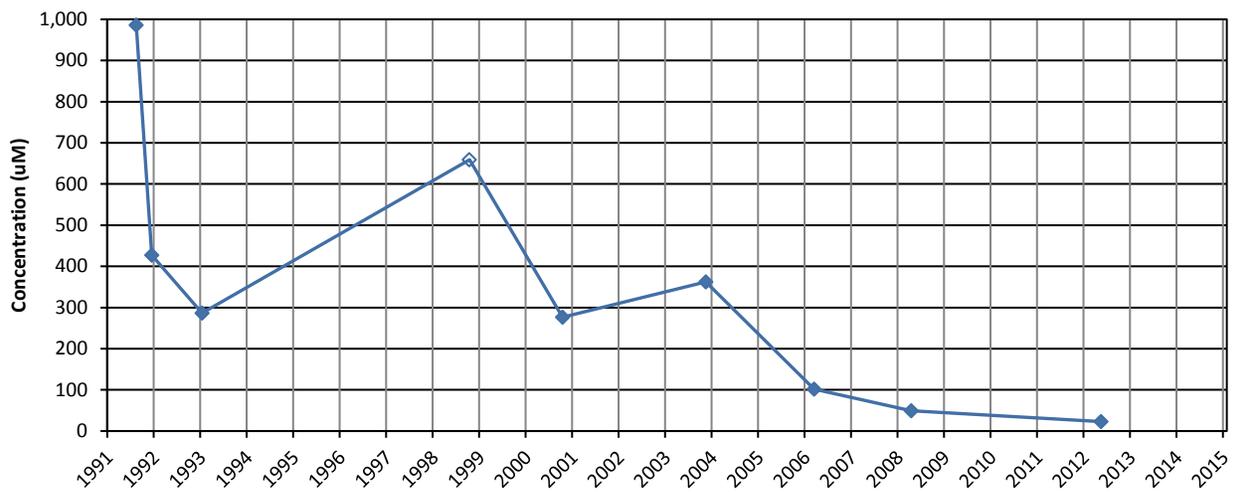
### MW-10 VOCs



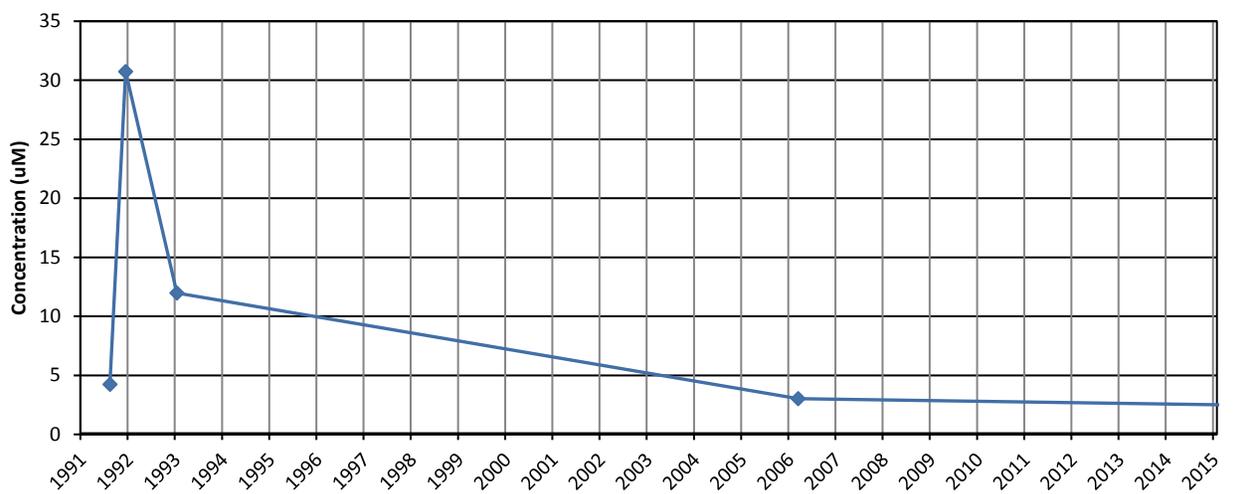
NOTES:

Hollow symbols are historical non-detect data where the reporting limit was estimated.

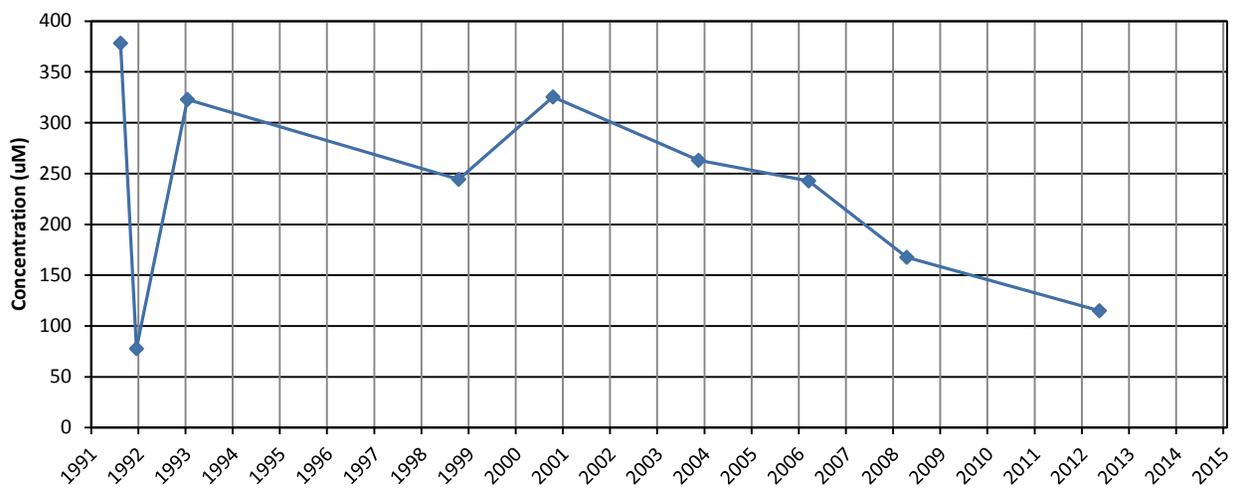
**MW-1**



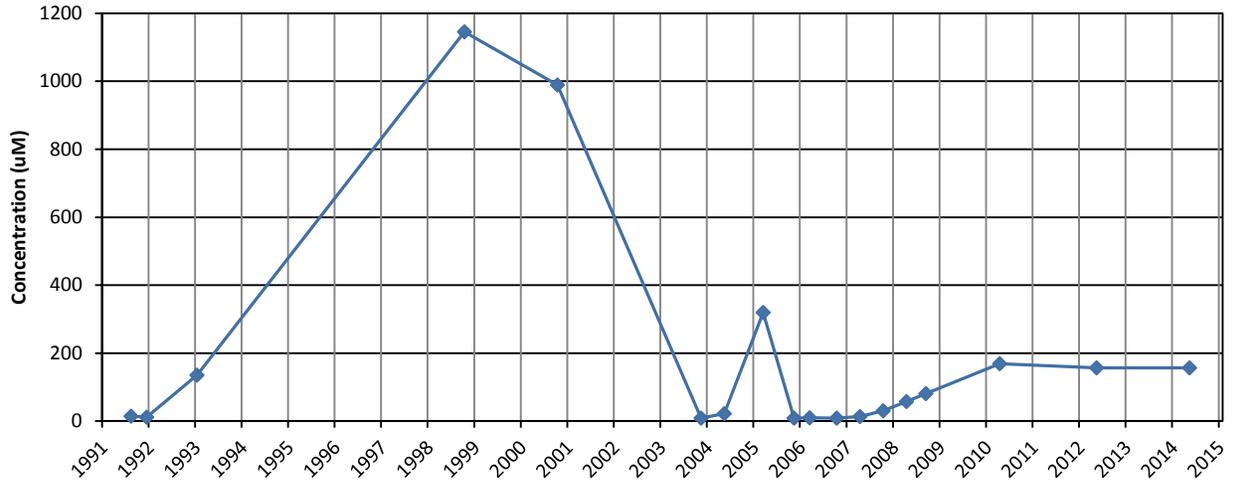
**MW-3**



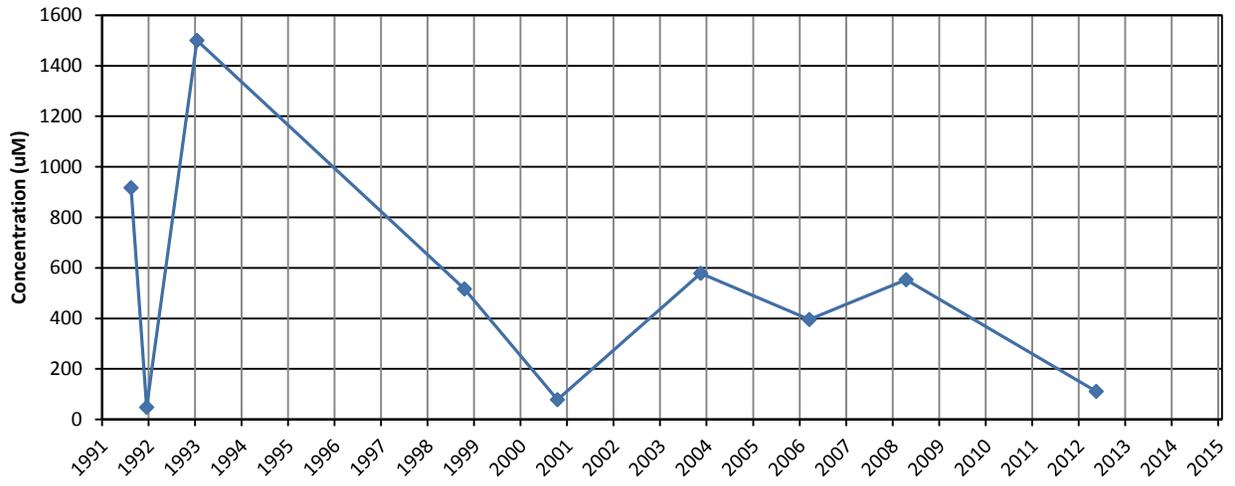
**MW-4**



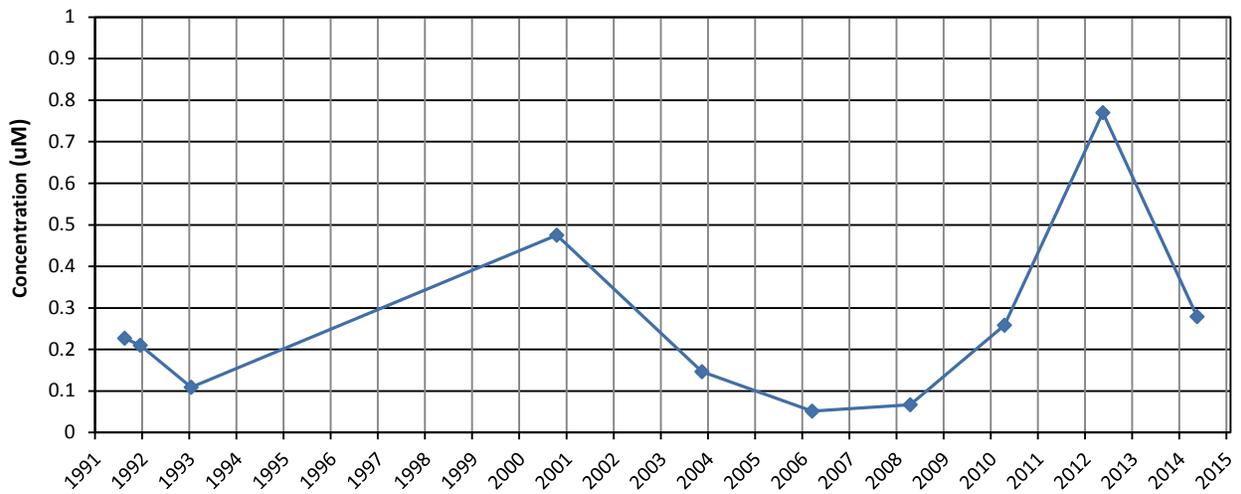
**MW-5**



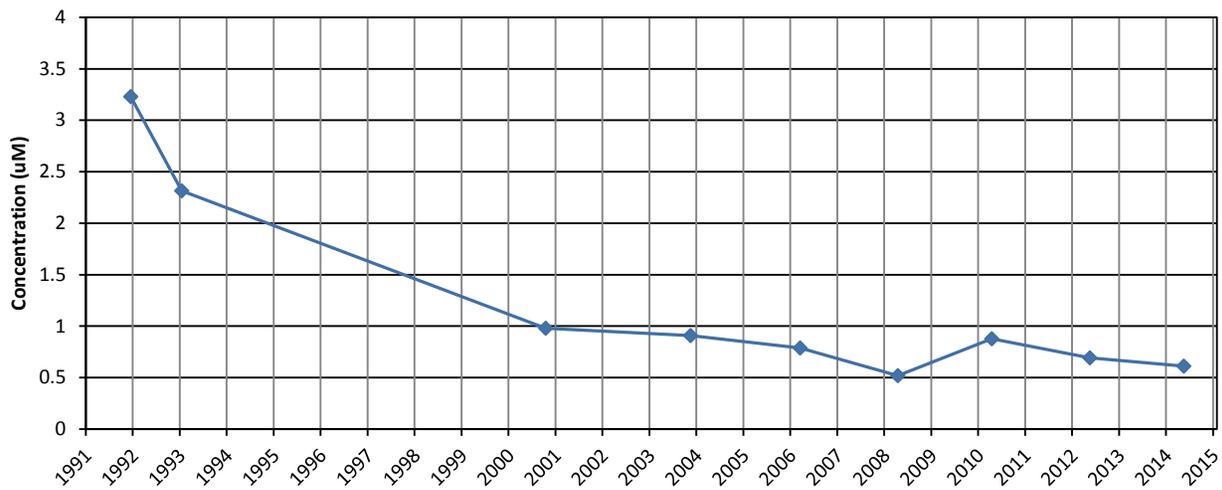
**MW-6**



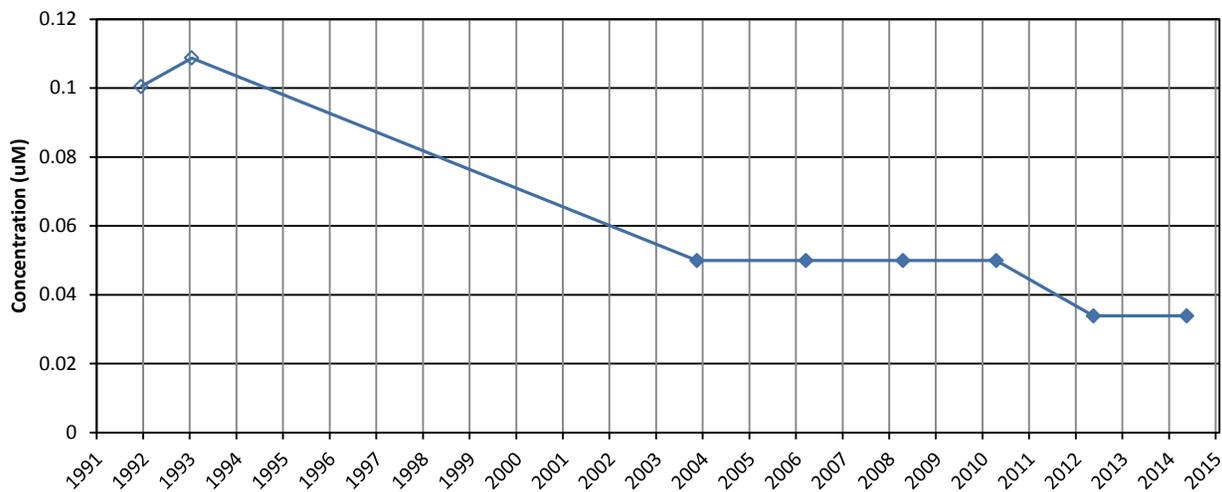
**MW-7**



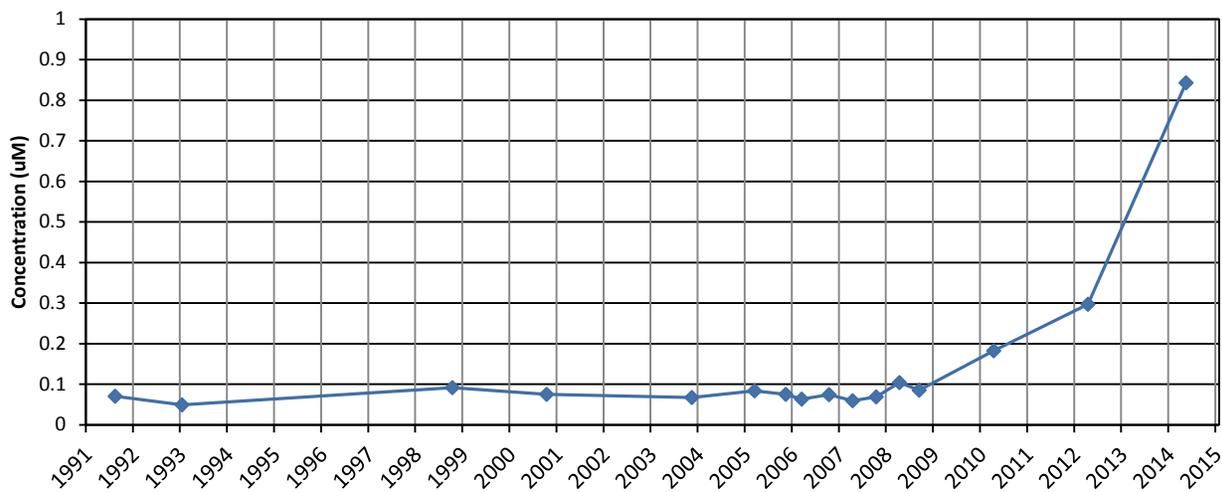
**MW-8**



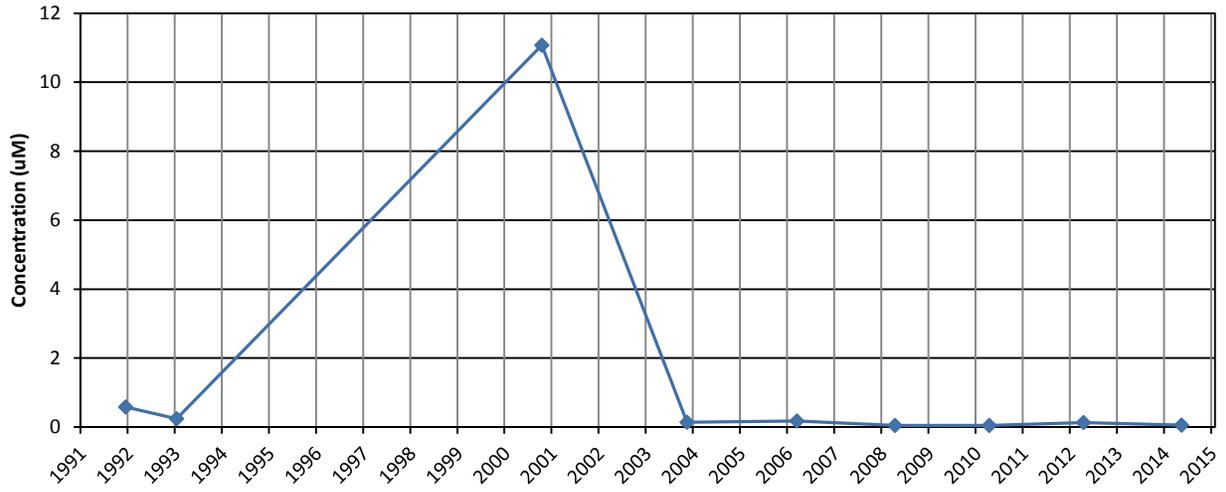
**MW-9**



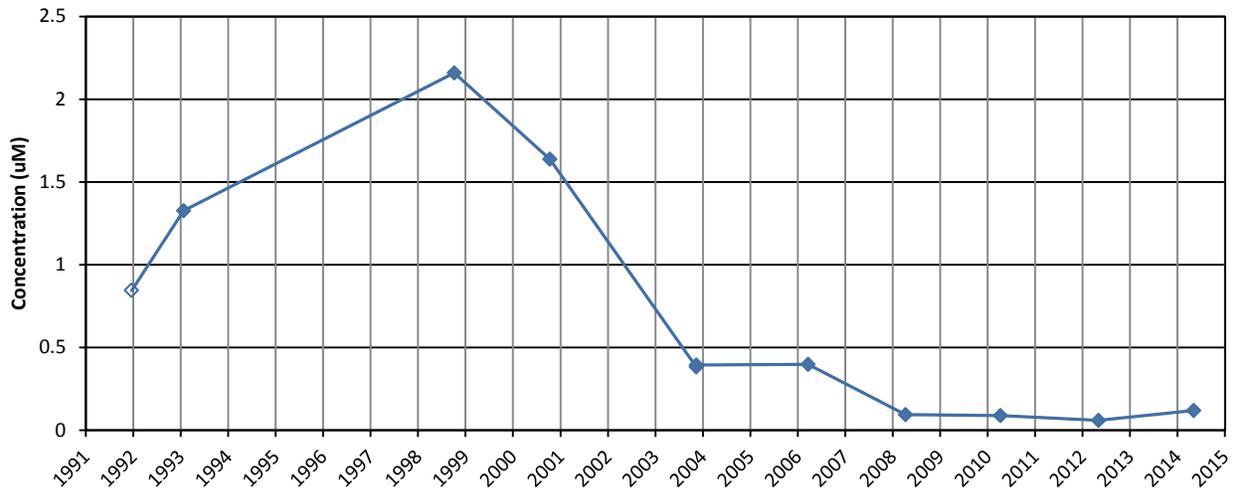
**MW-10**



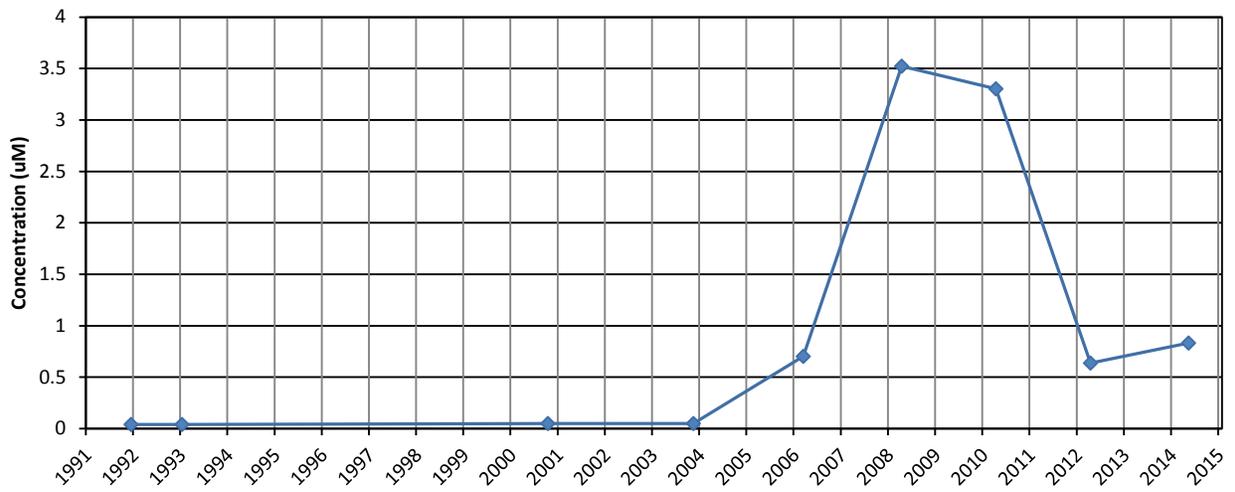
**MW-11**



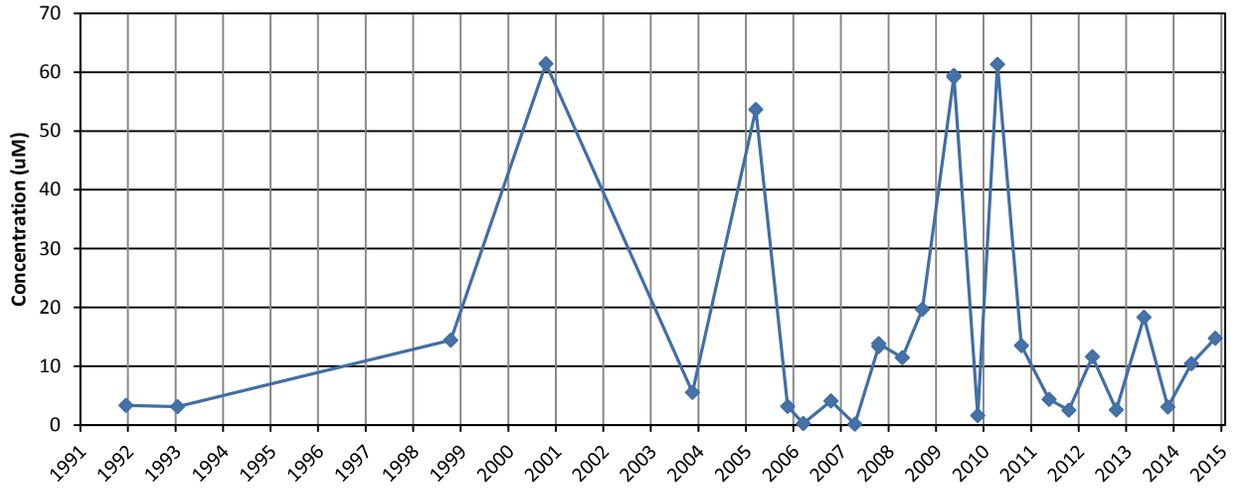
**MW-12**



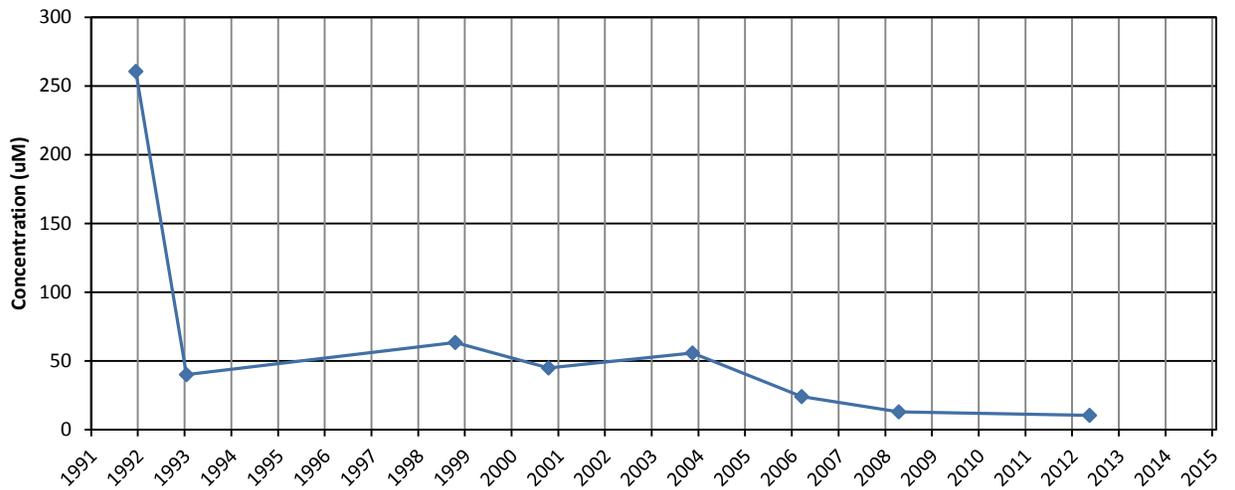
**MW-13**



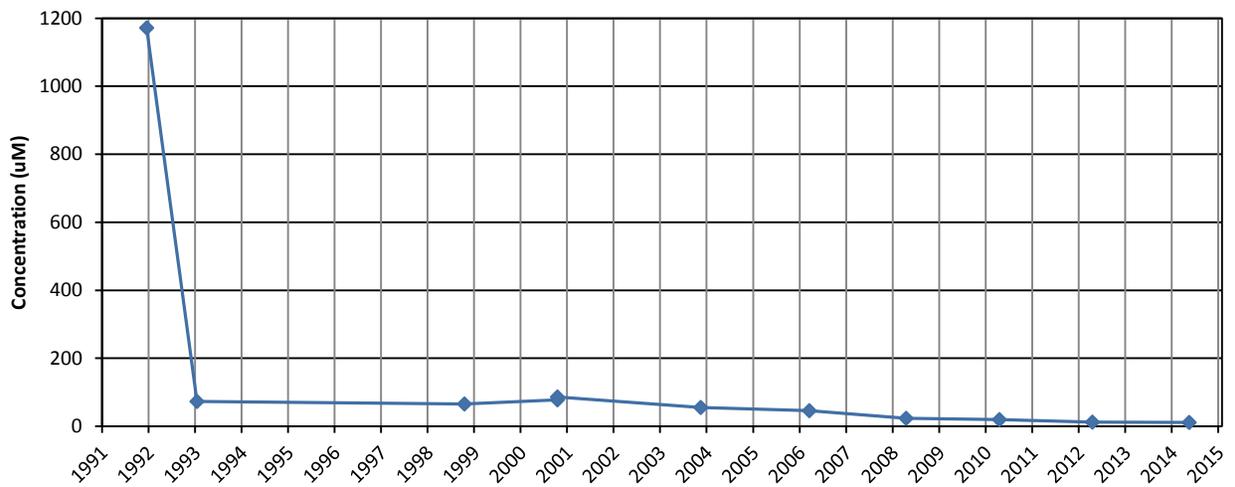
**MW-14**



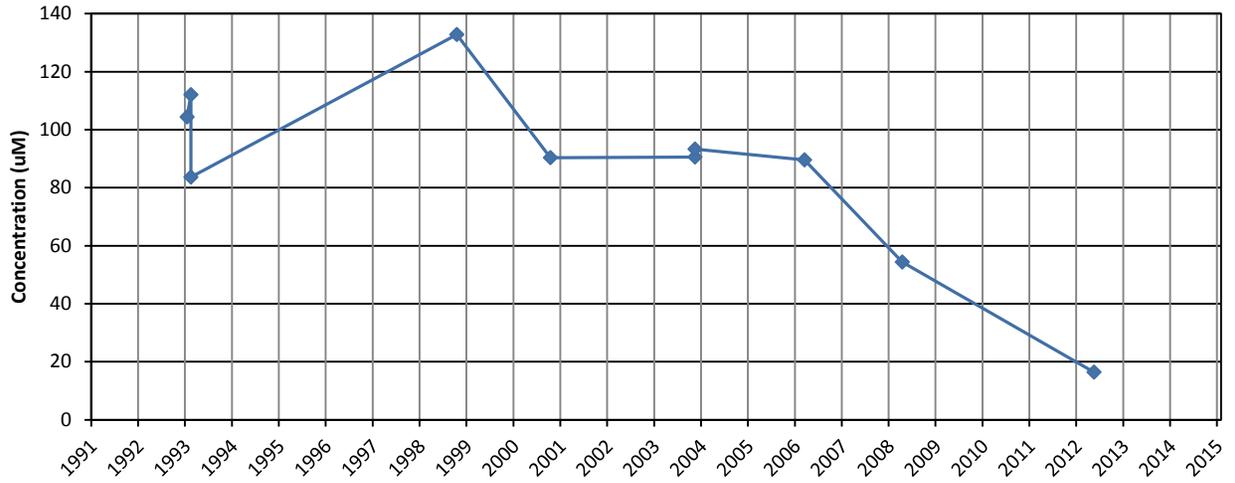
**MW-15**



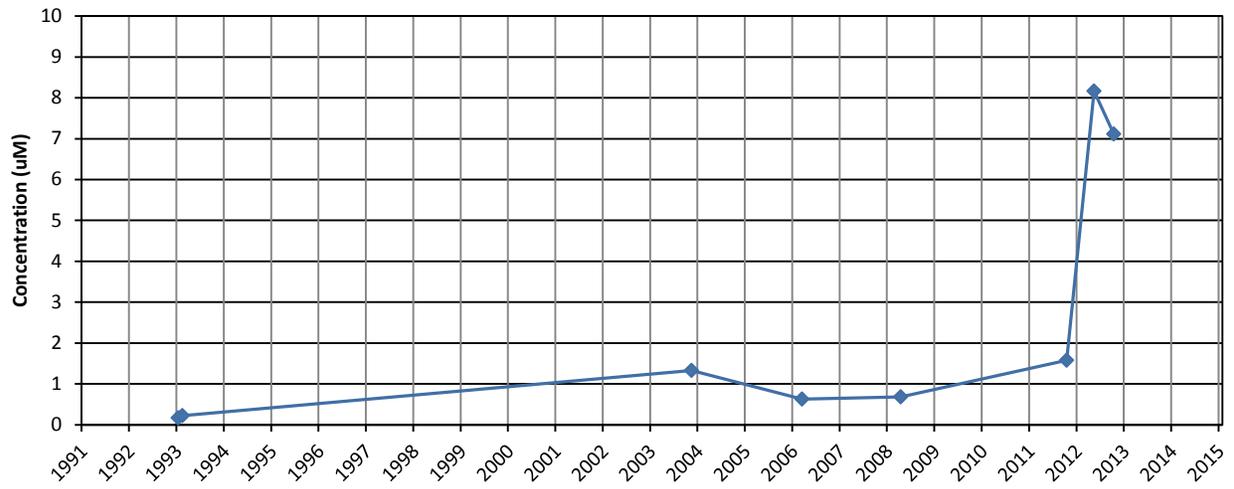
**MW-16**



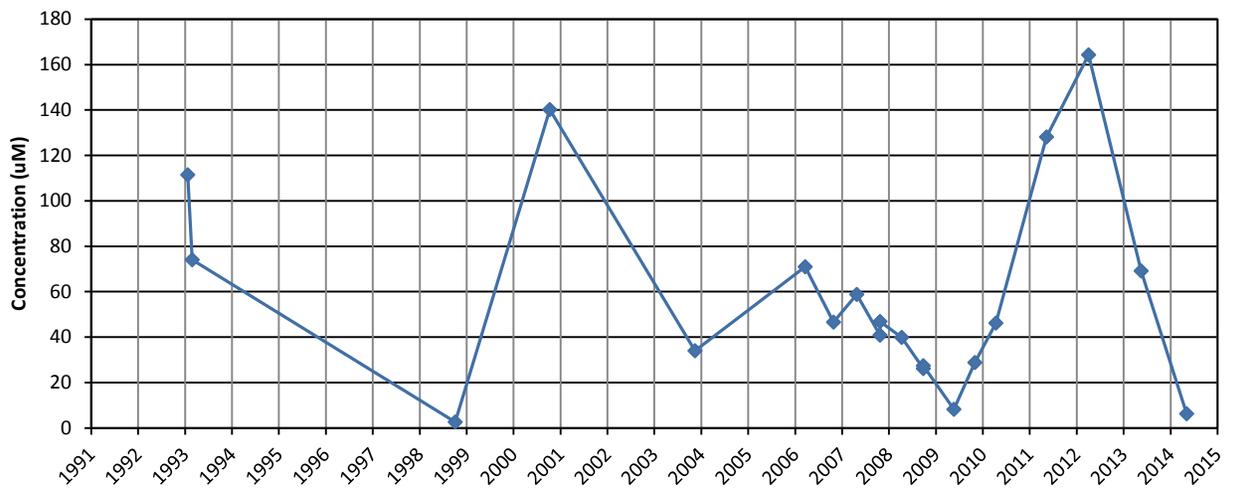
**MW-17**



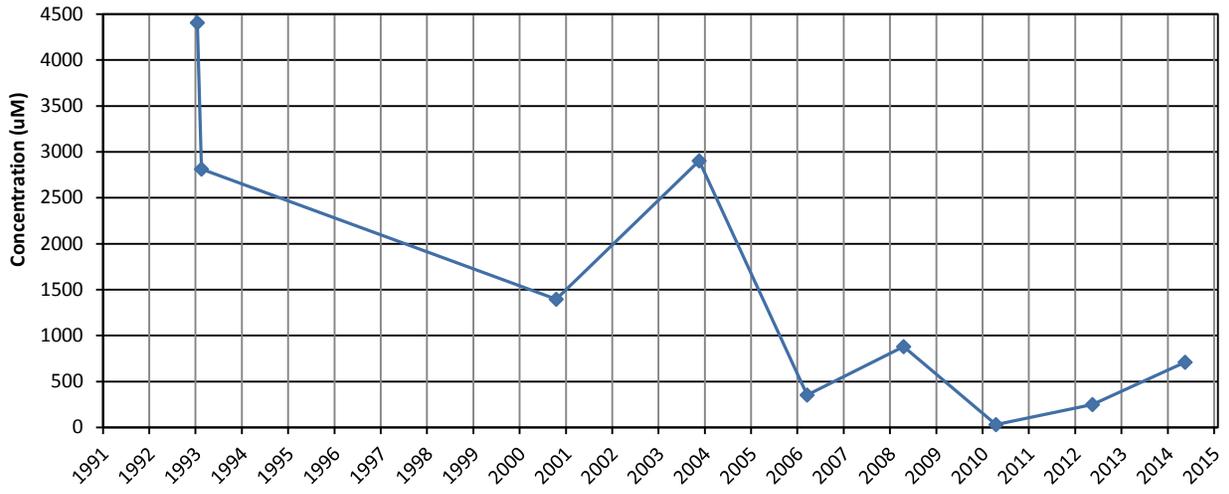
**MW-20**



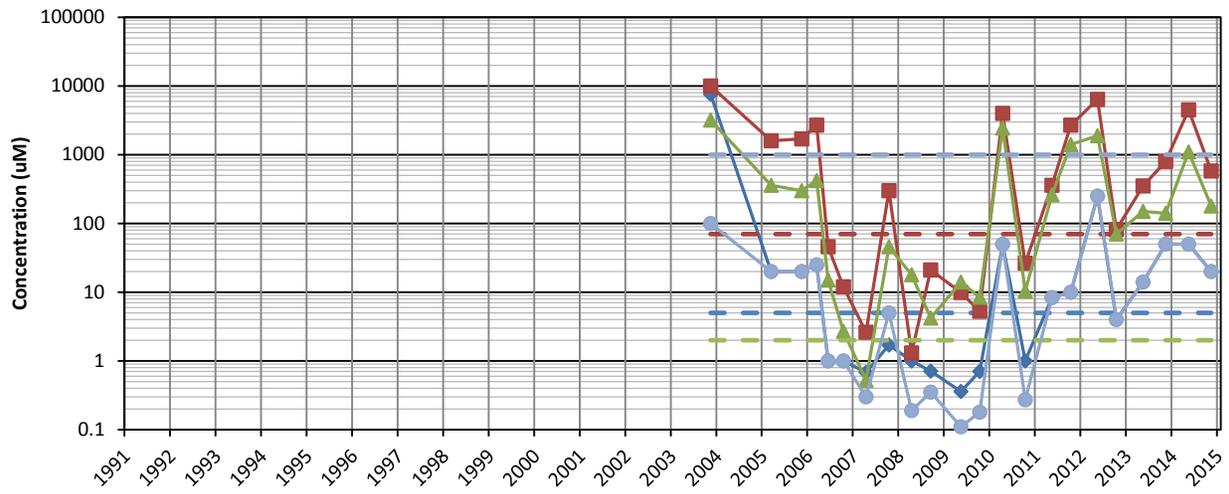
**MW-23**



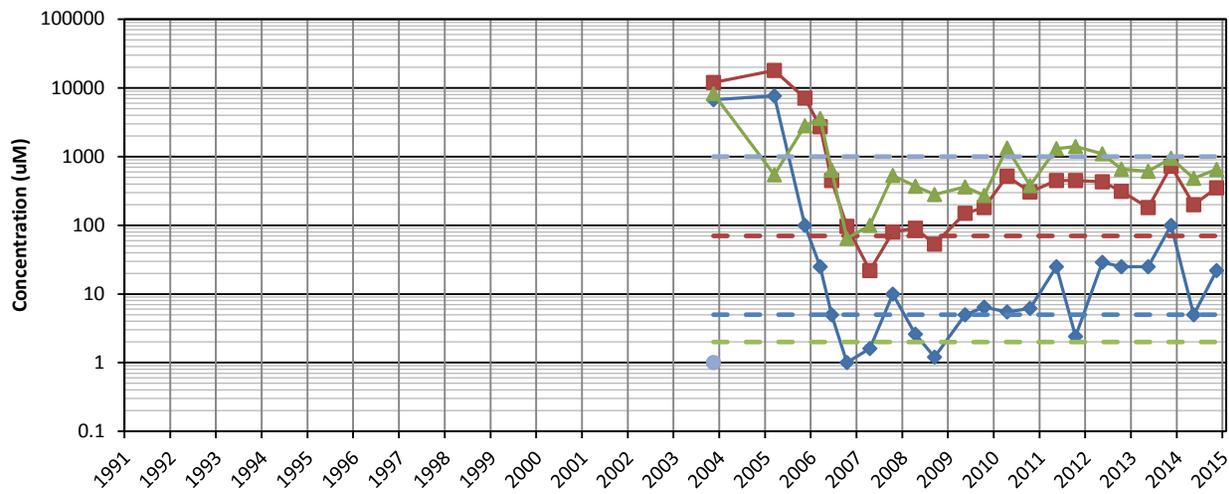
**MW-25**



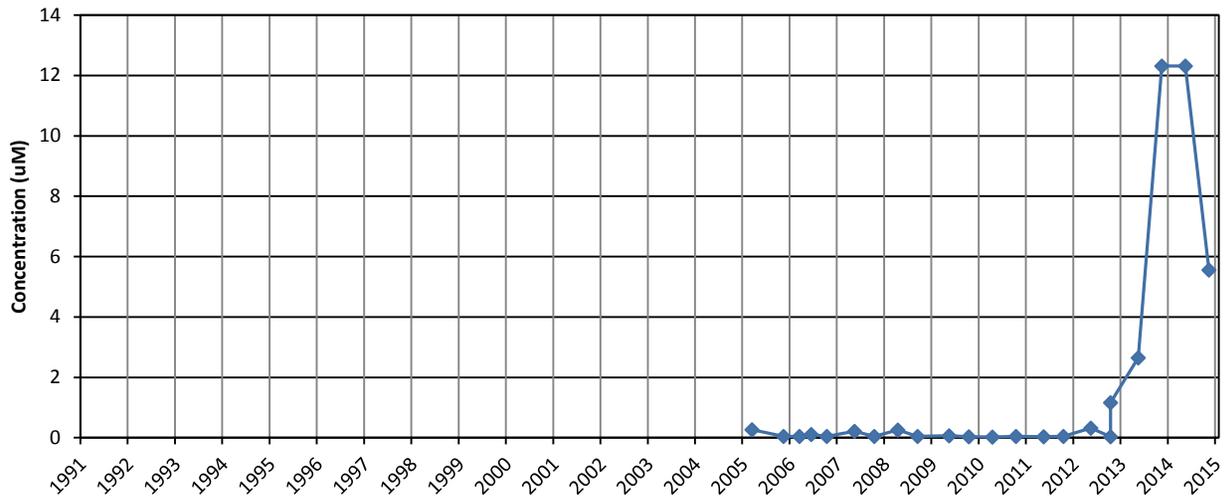
**MW-41**



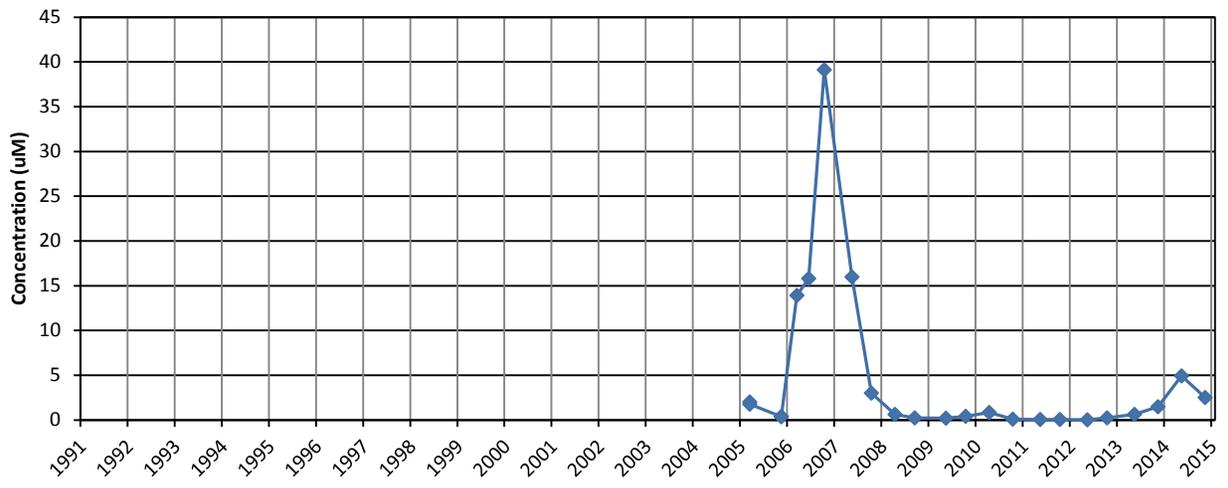
**MW-42**



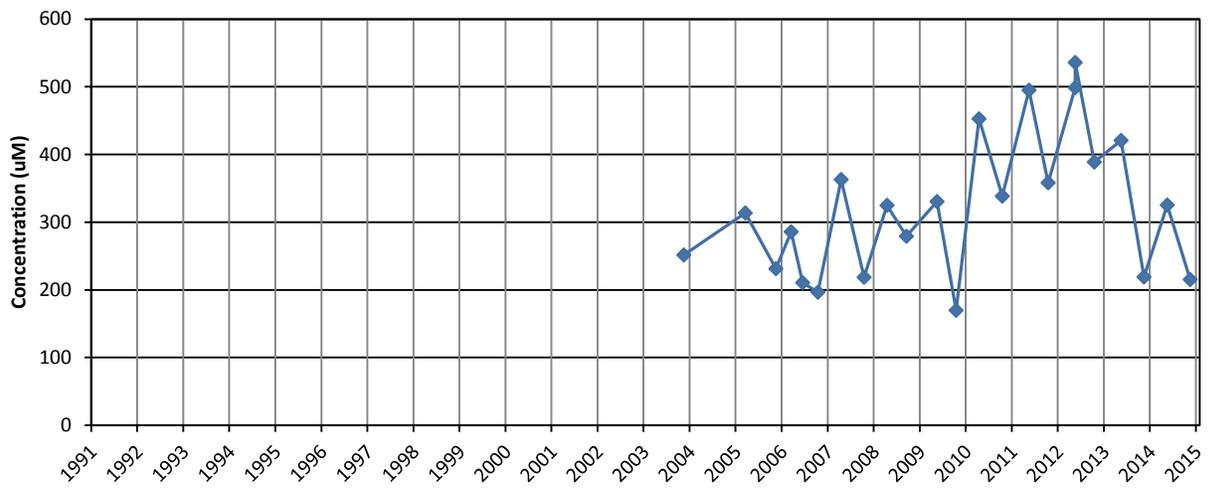
**MW-43**



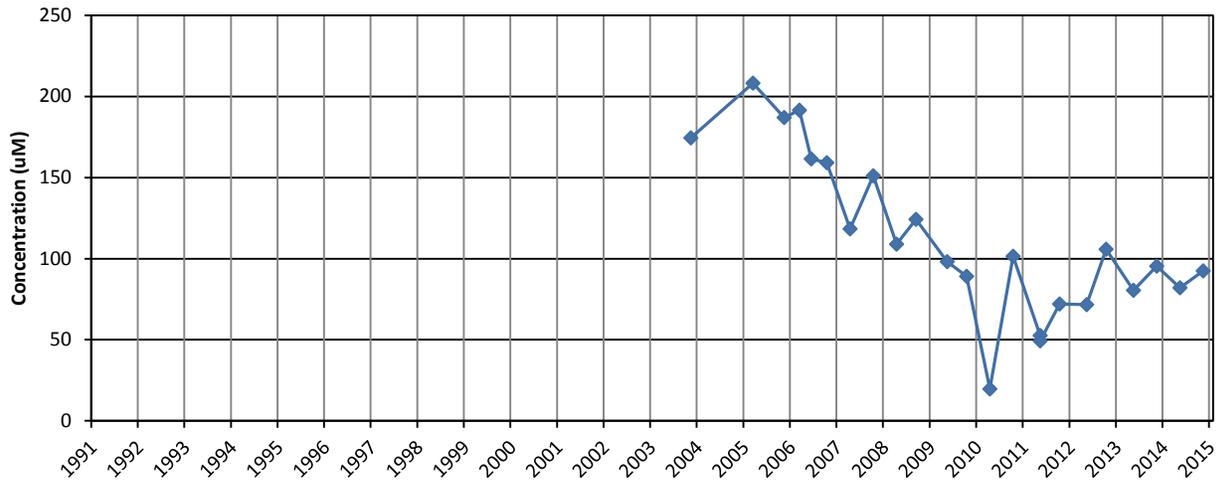
**MW-44**



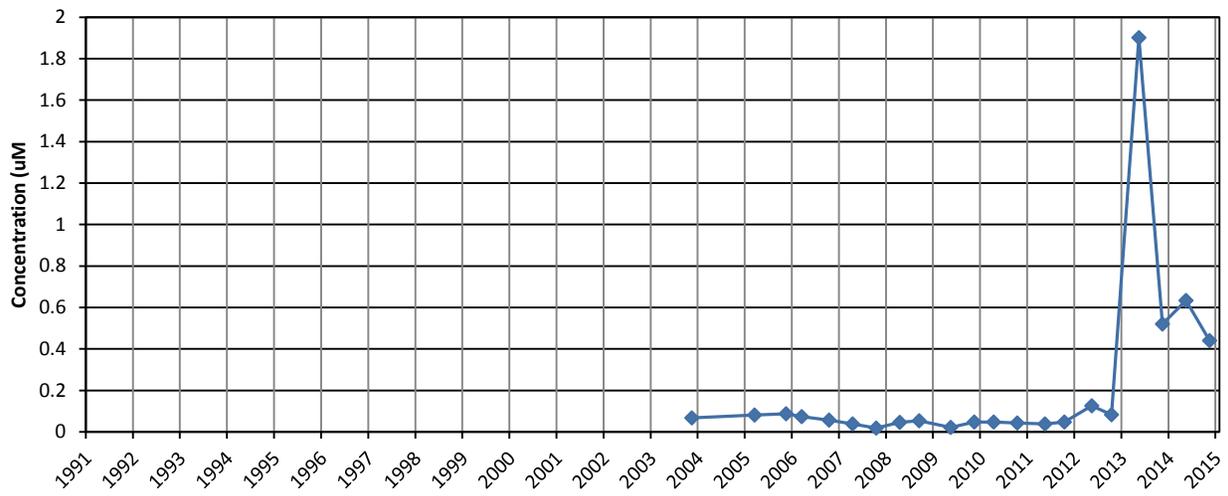
**MW-45**



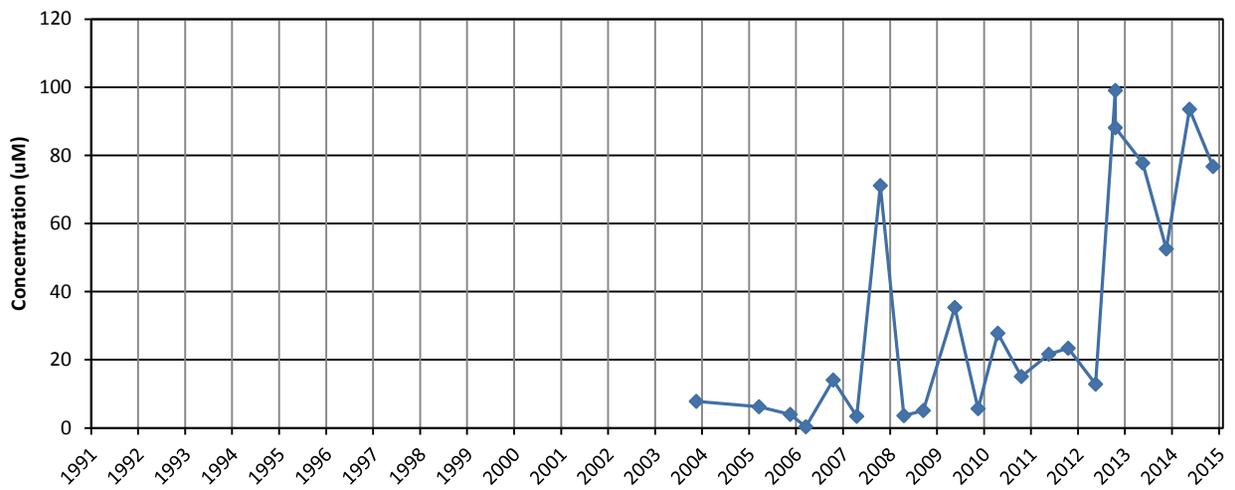
**MW-46**



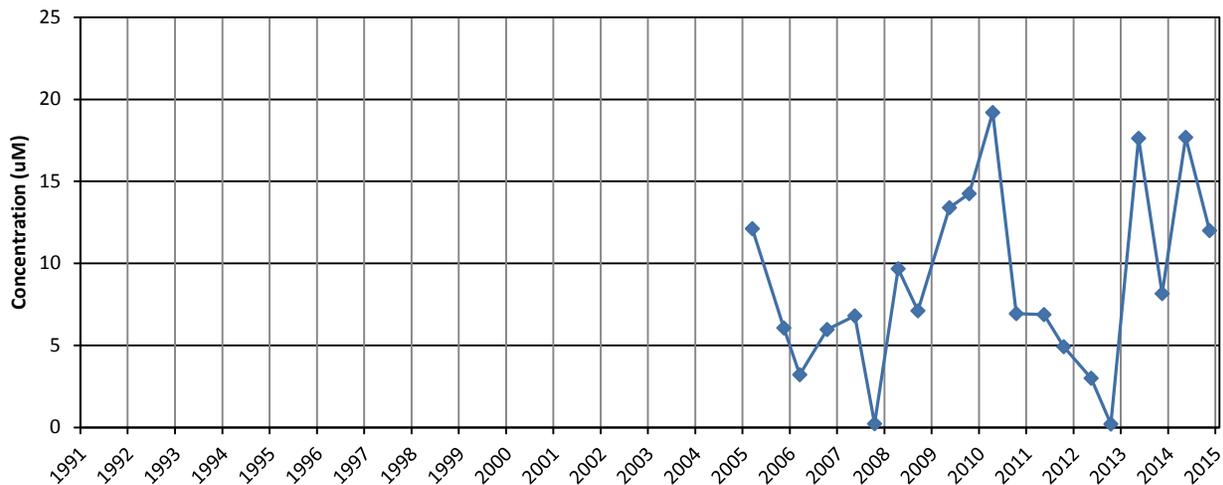
**MW-47**



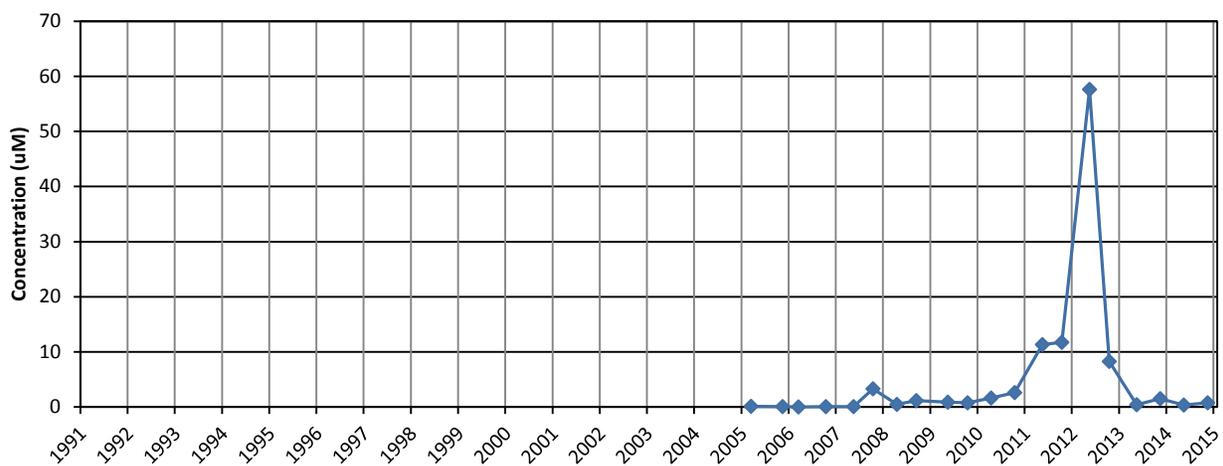
**MW-48**



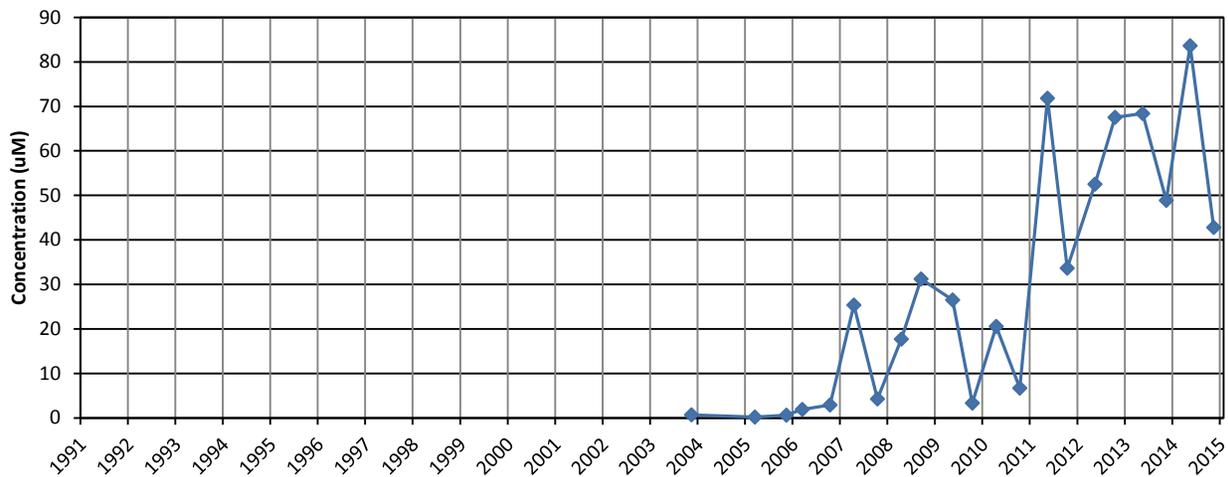
**MW-49**



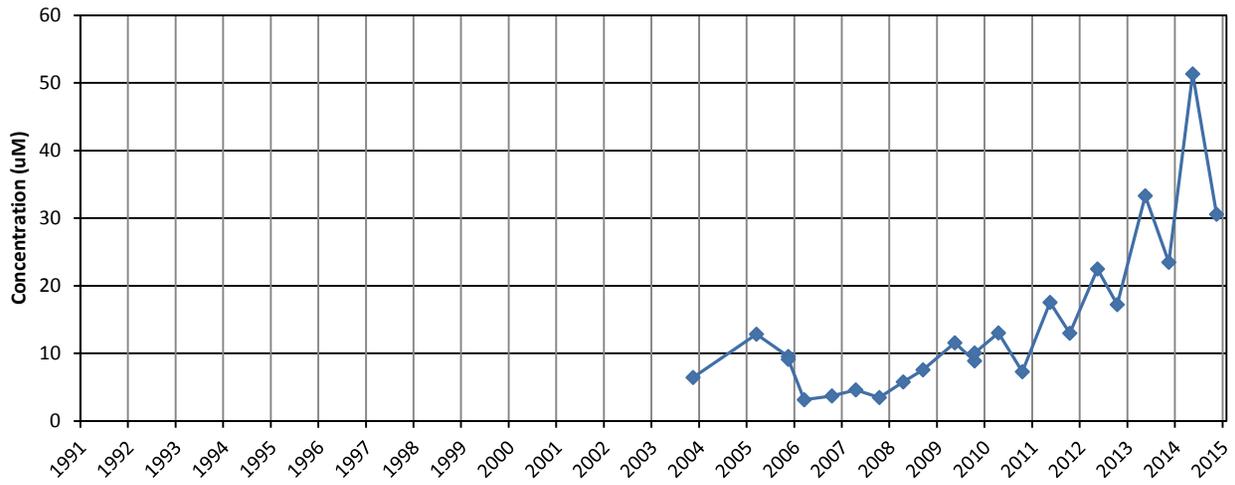
**MW-50**



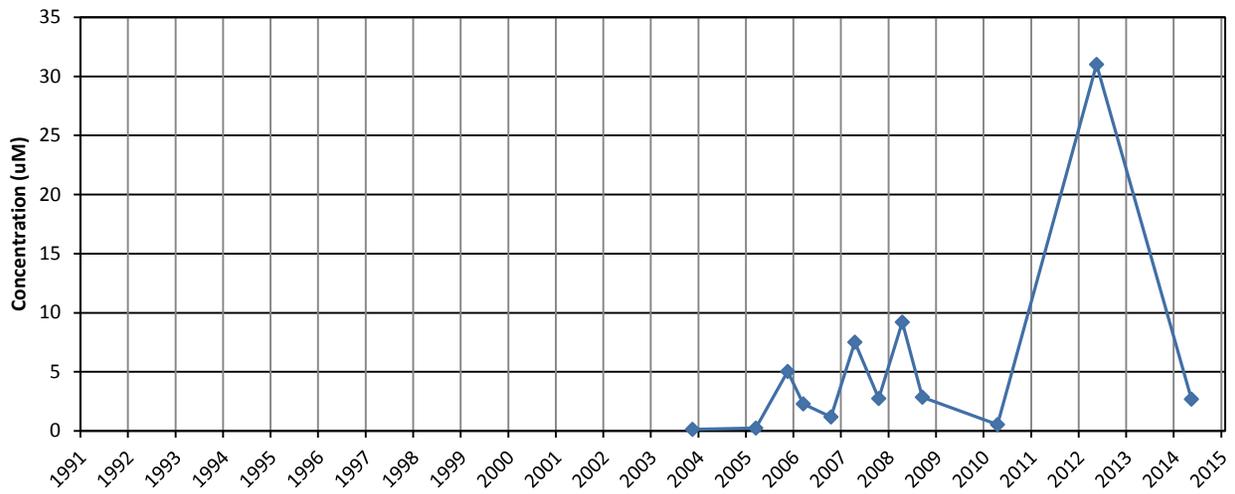
**MW-51**



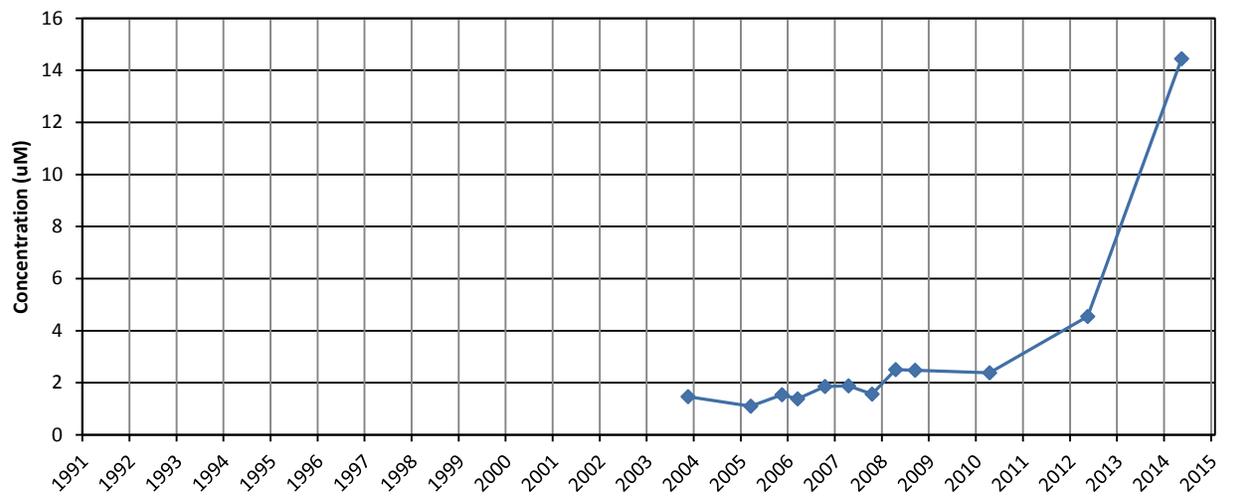
**MW-52**



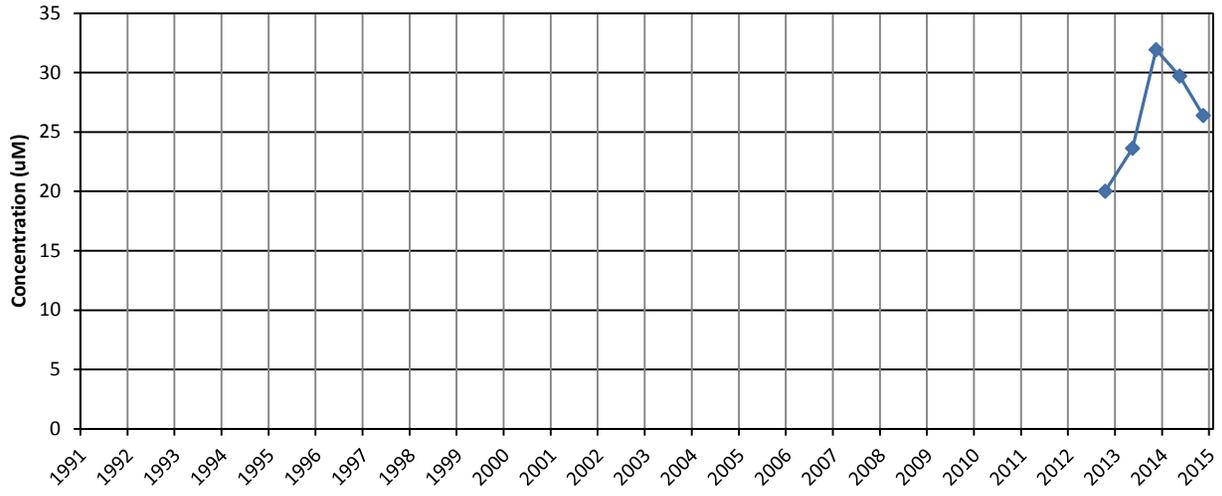
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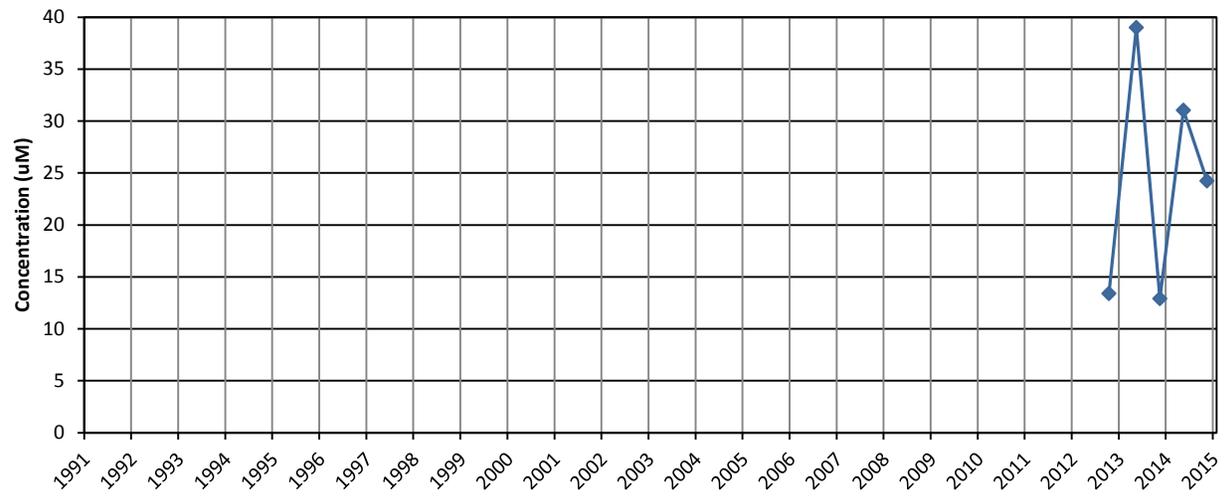
**MW-54**



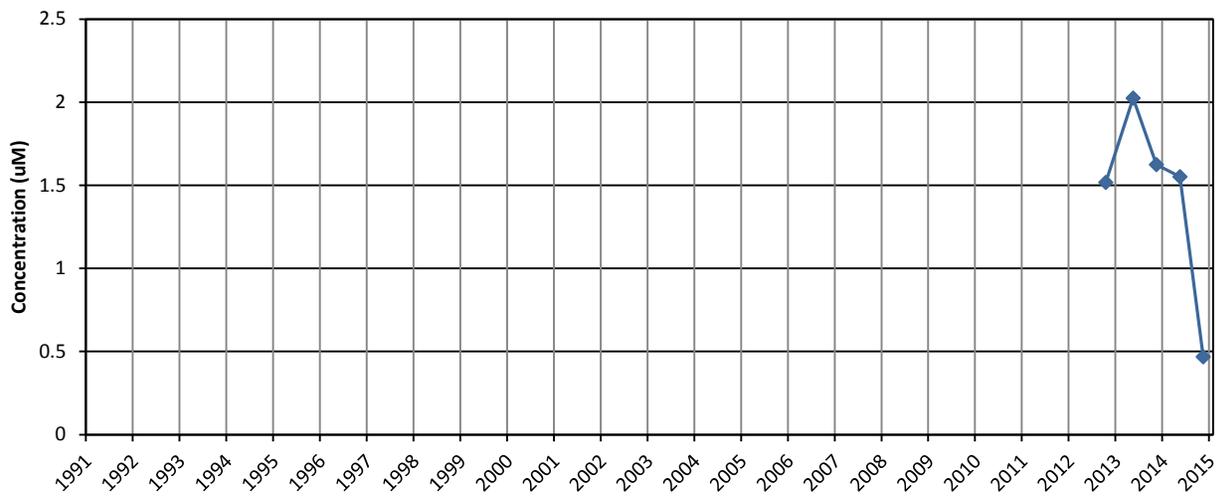
**MW-55**



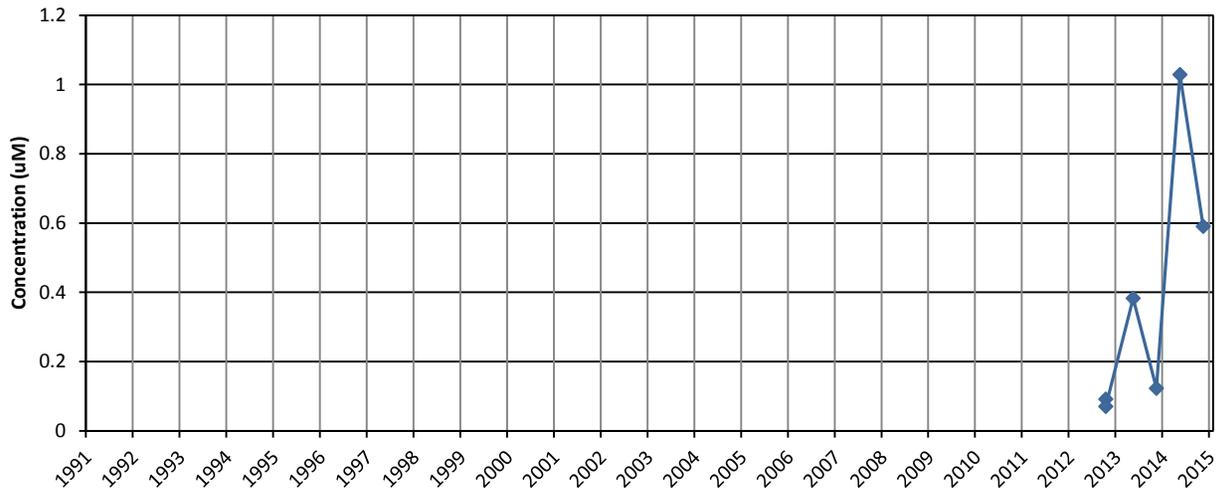
**MW-56**



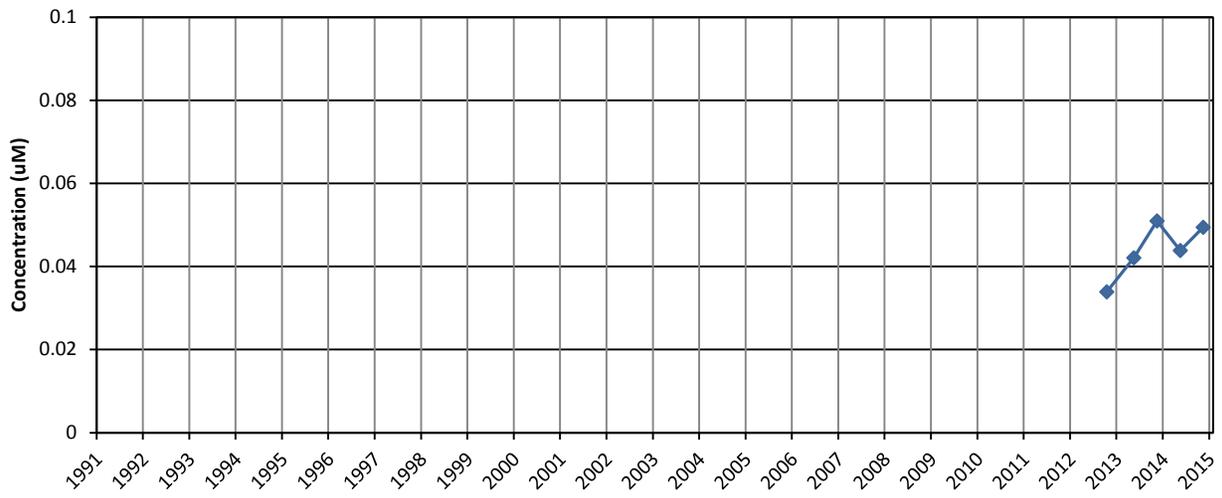
**MW-57**



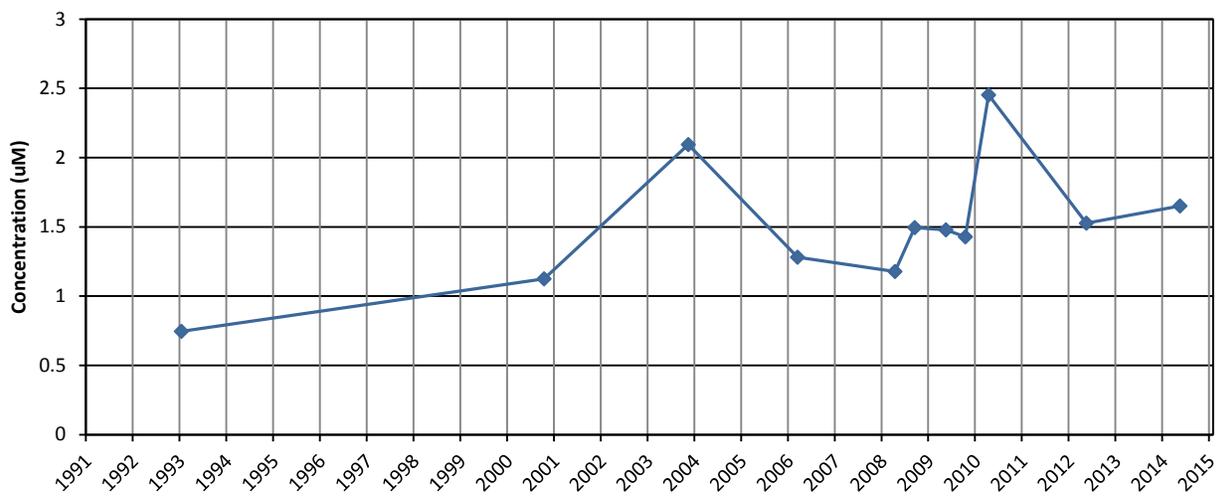
### MW-58



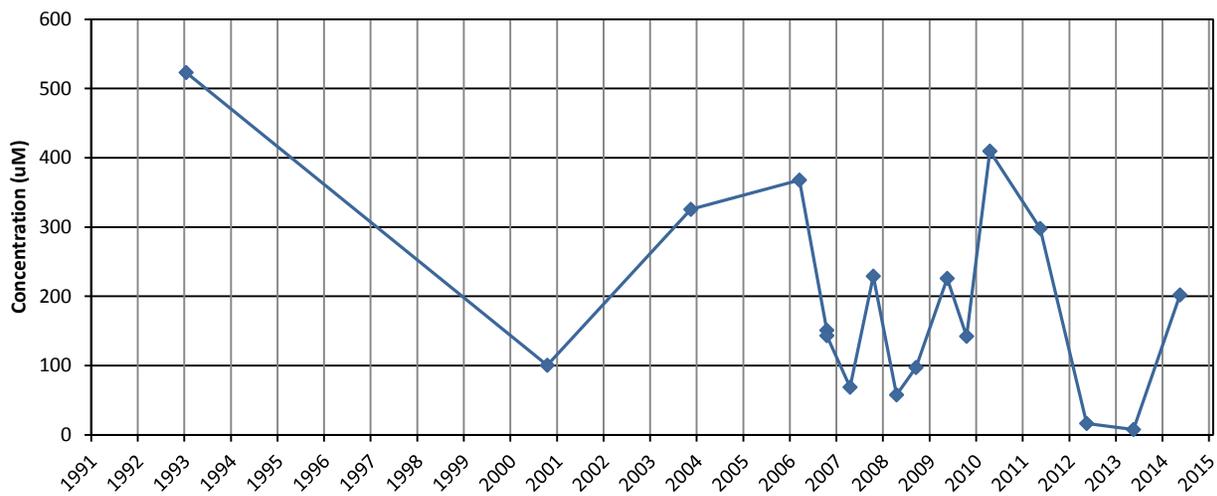
### MW-59



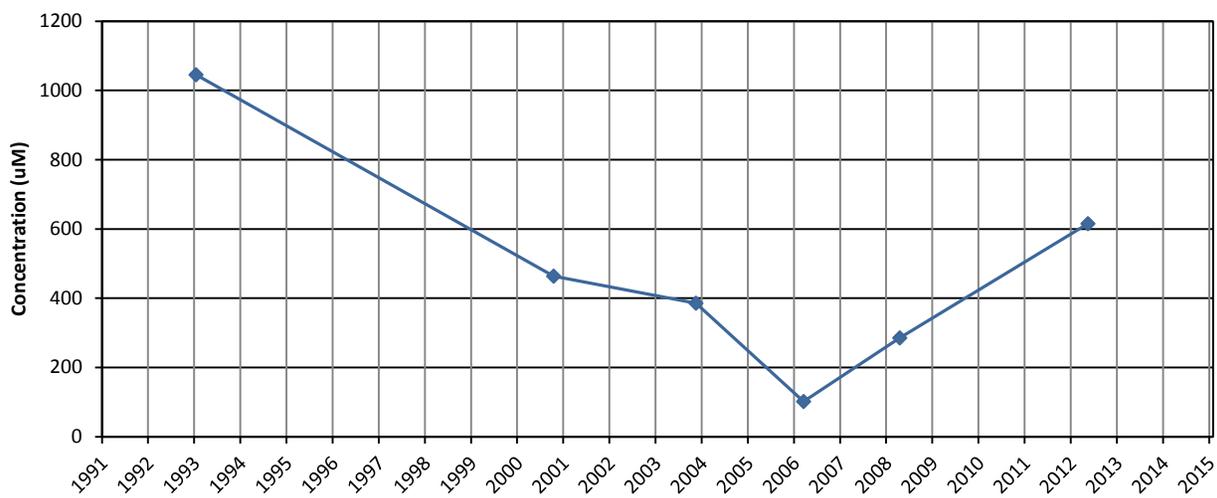
### RT-1



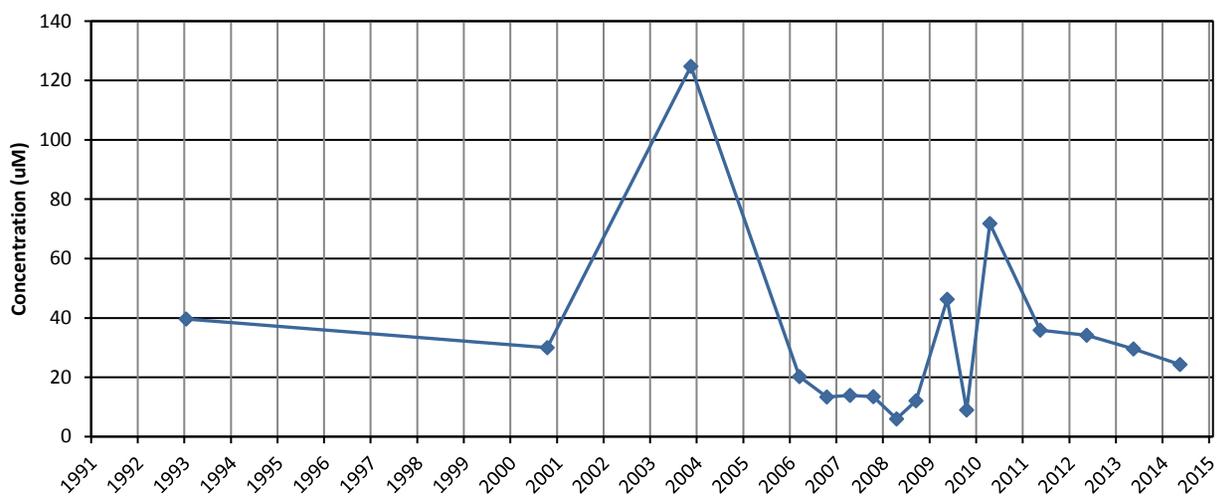
**RT-2**



**RT-3**



**RT-4**

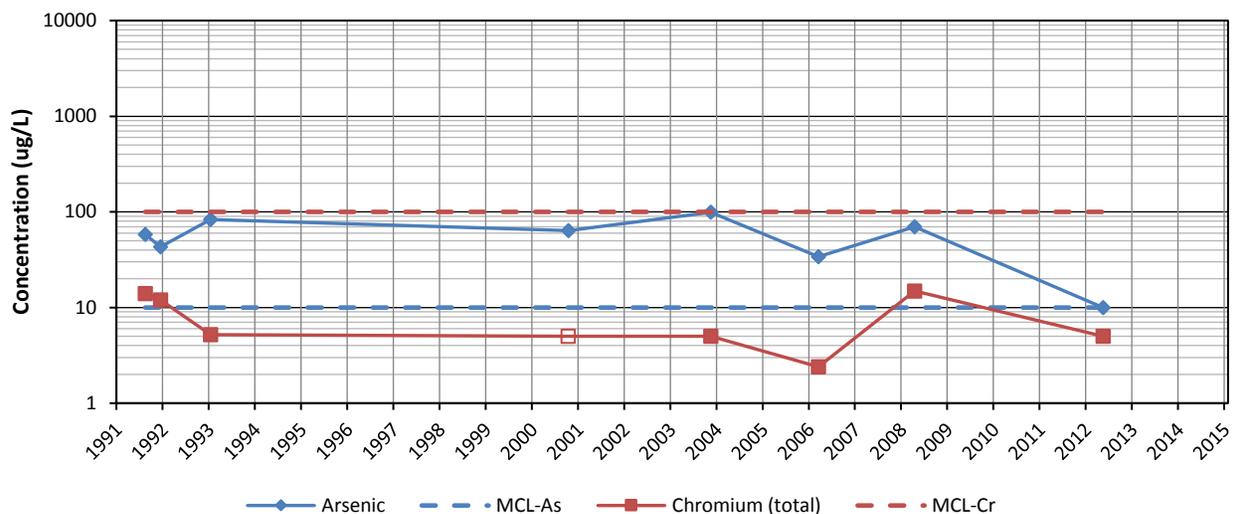




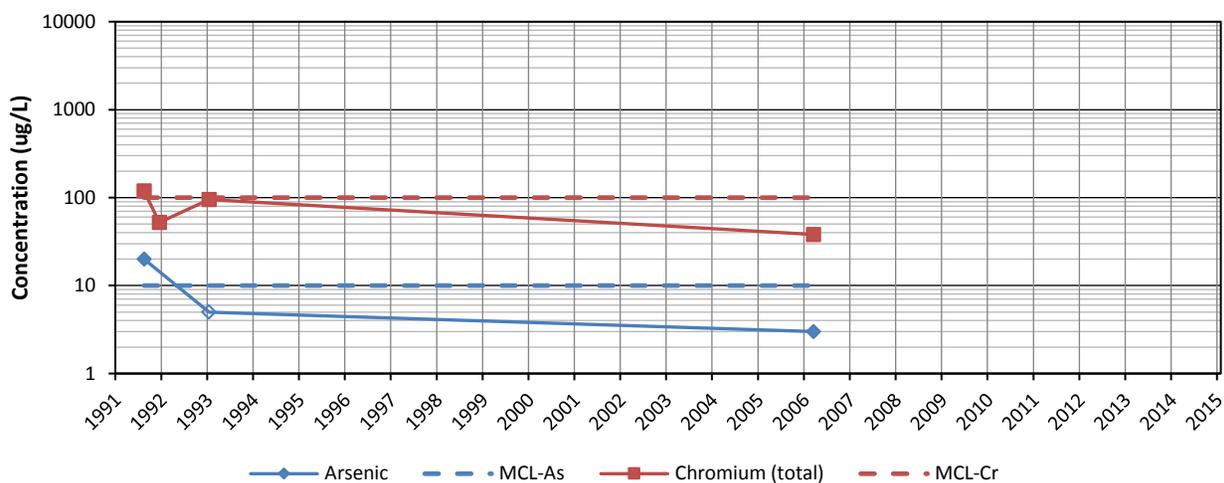
## Groundwater Metals Plots



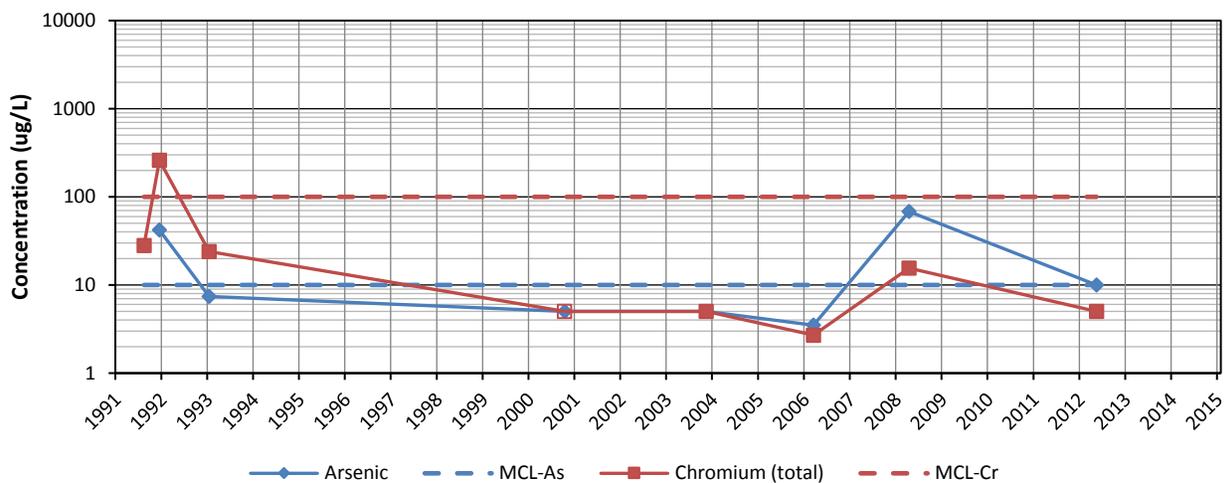
### MW-1 Metals



### MW-3 Metals



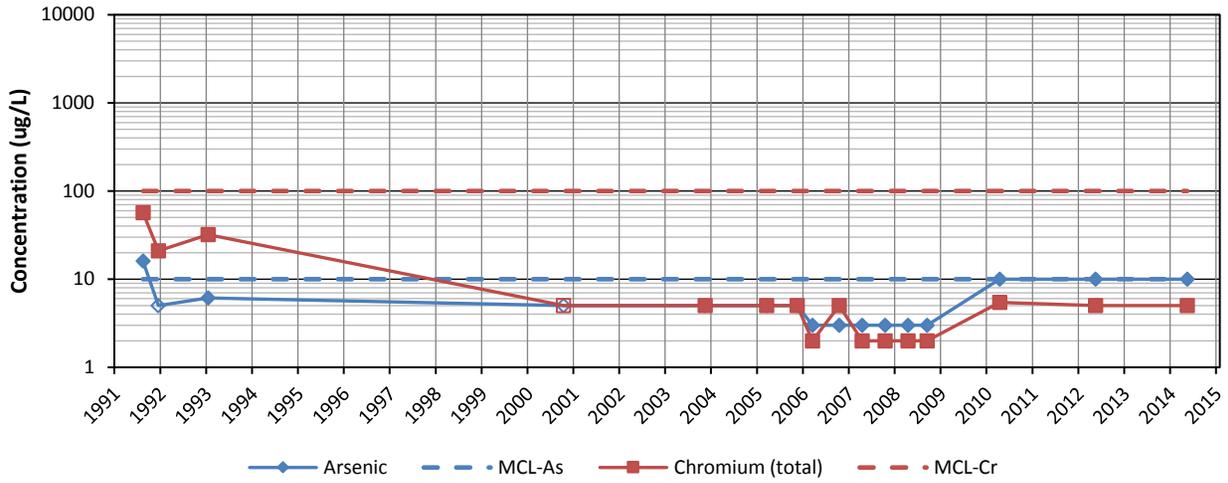
### MW-4 Metals



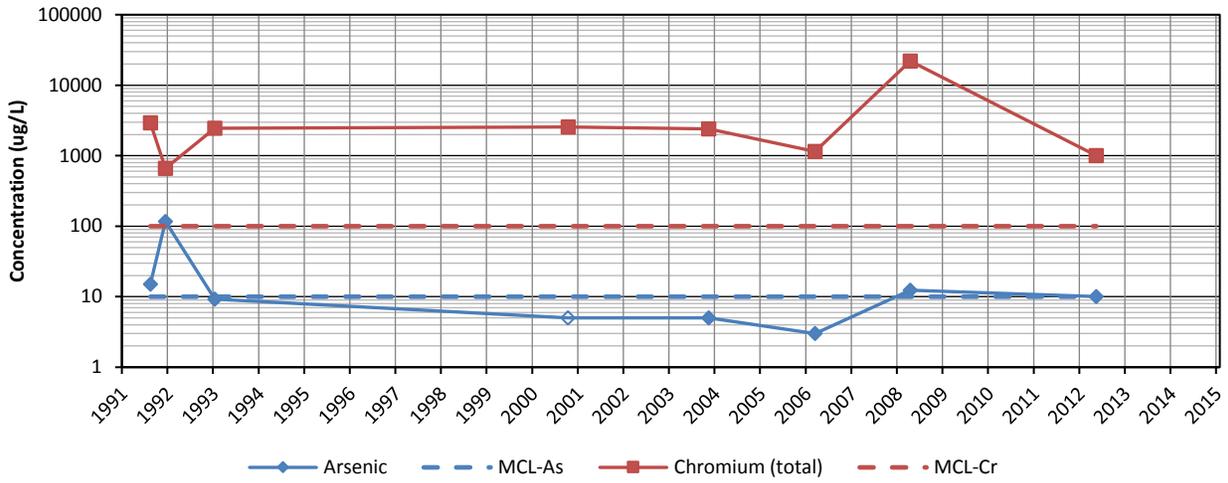
NOTES:

Hollow symbols are historical non-detect data where the reporting limit was estimated.

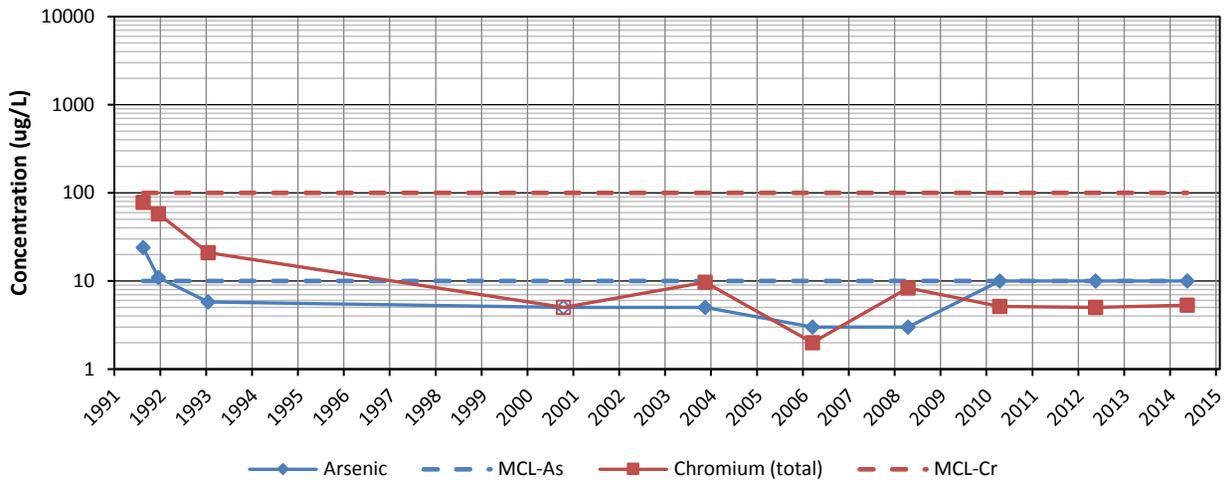
### MW-5 Metals



### MW-6 Metals

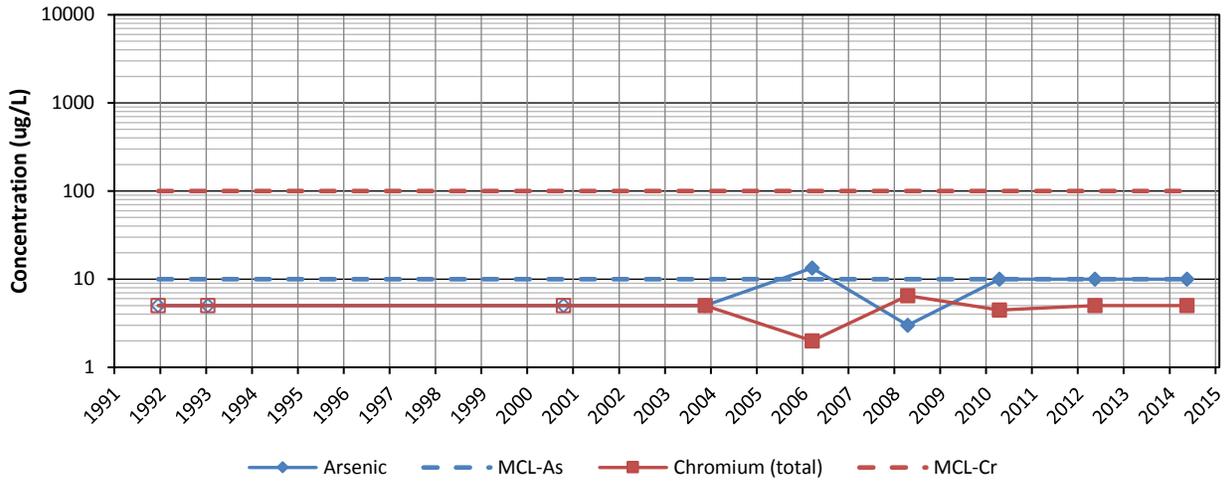


### MW-7 Metals

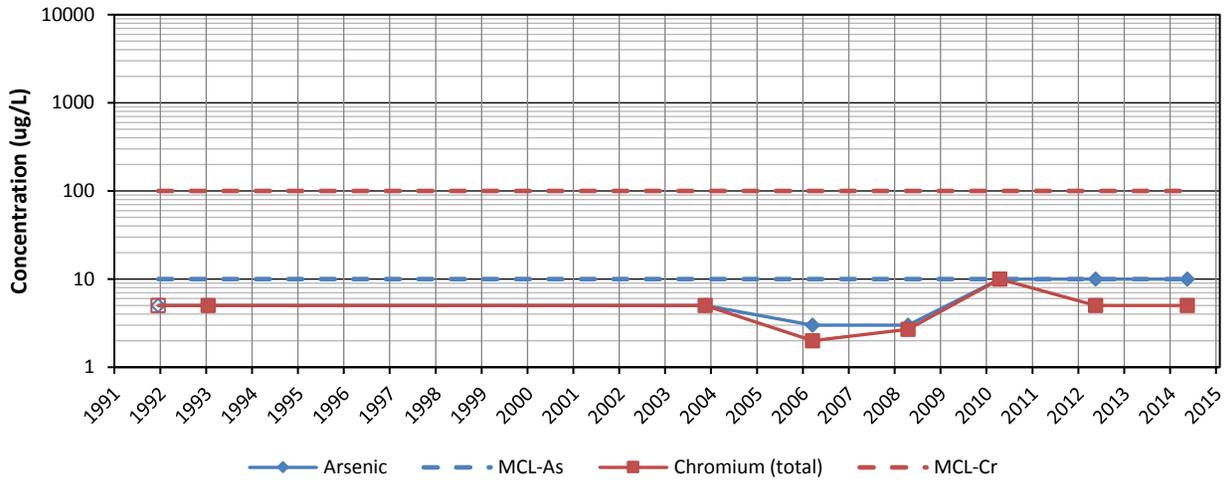


NOTES:  
Hollow symbols are historical non-detect data where the reporting limit was estimated.

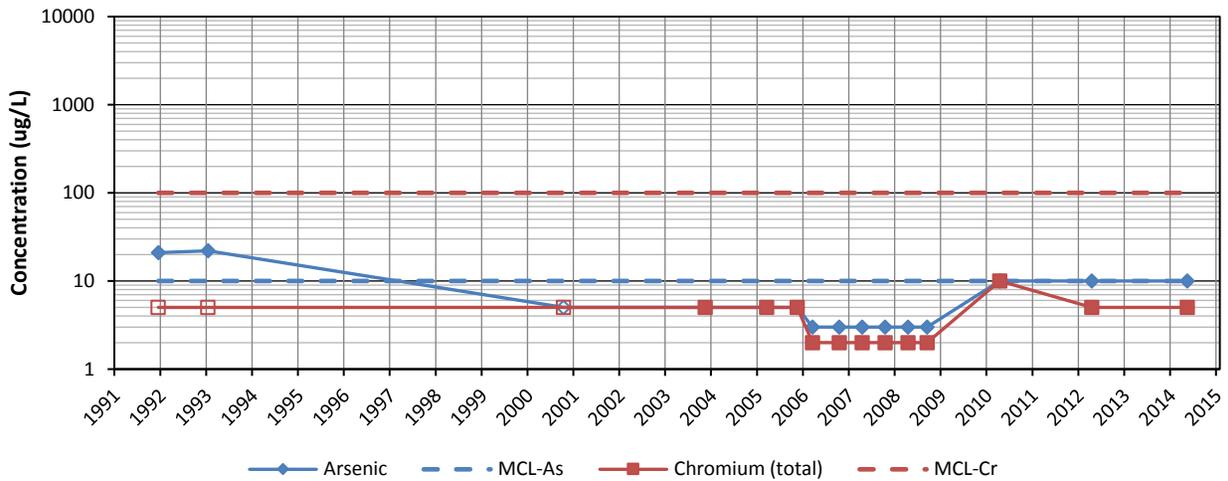
### MW-8 Metals



### MW-9 Metals



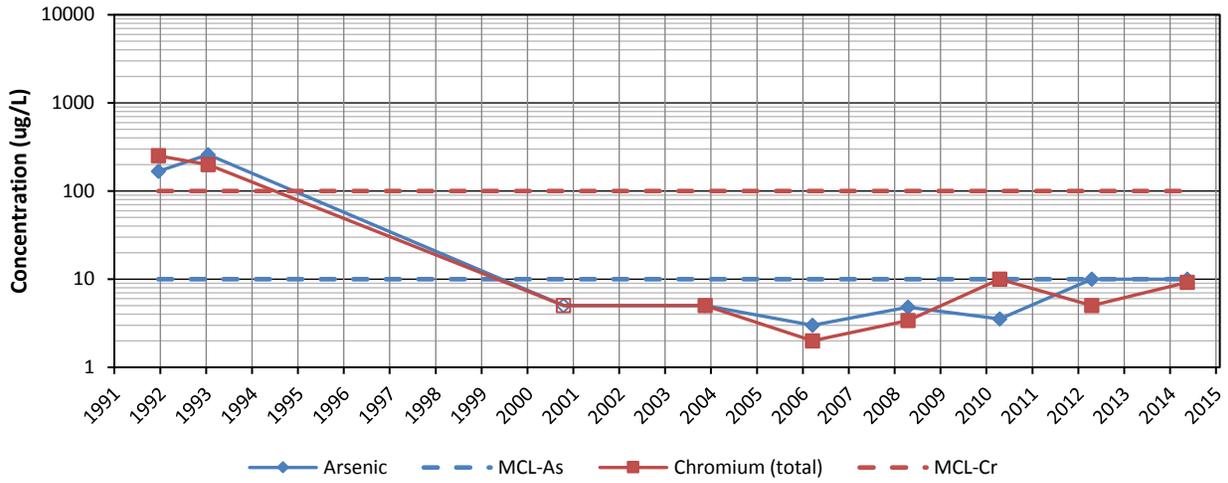
### MW-10 Metals



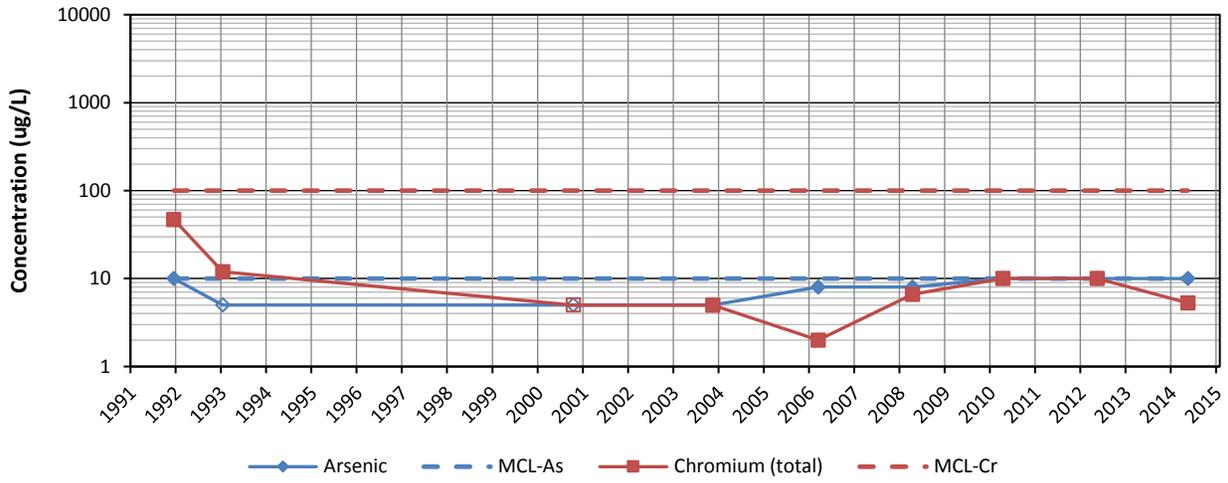
NOTES:

Hollow symbols are historical non-detect data where the reporting limit was estimated.

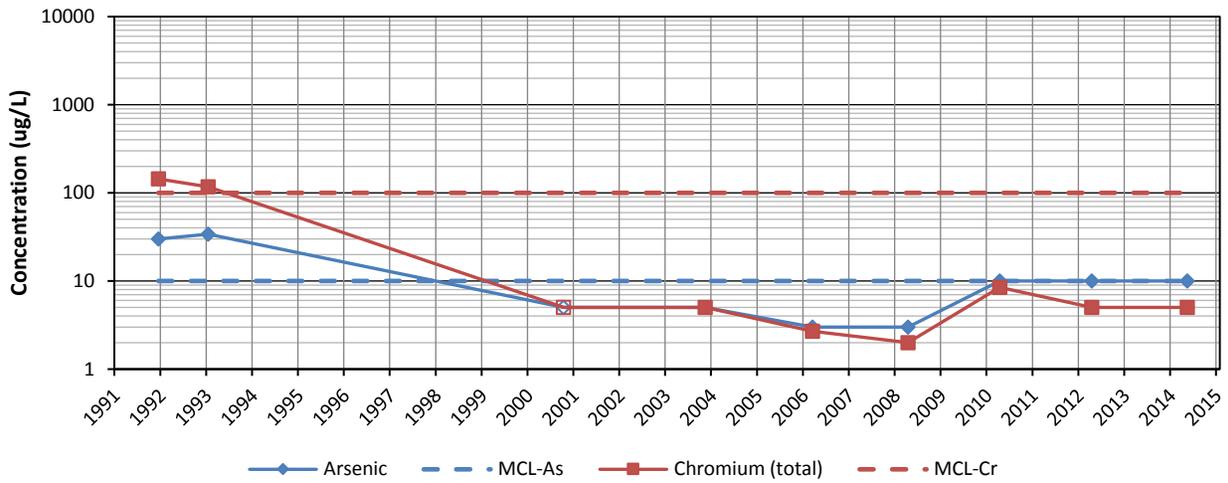
### MW-11 Metals



### MW-12 Metals

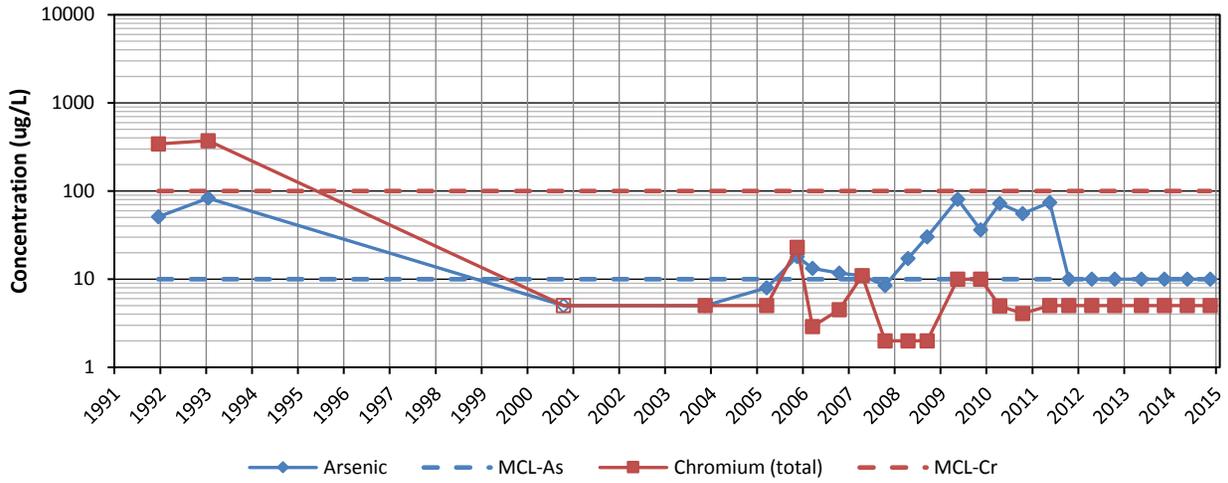


### MW-13 Metals

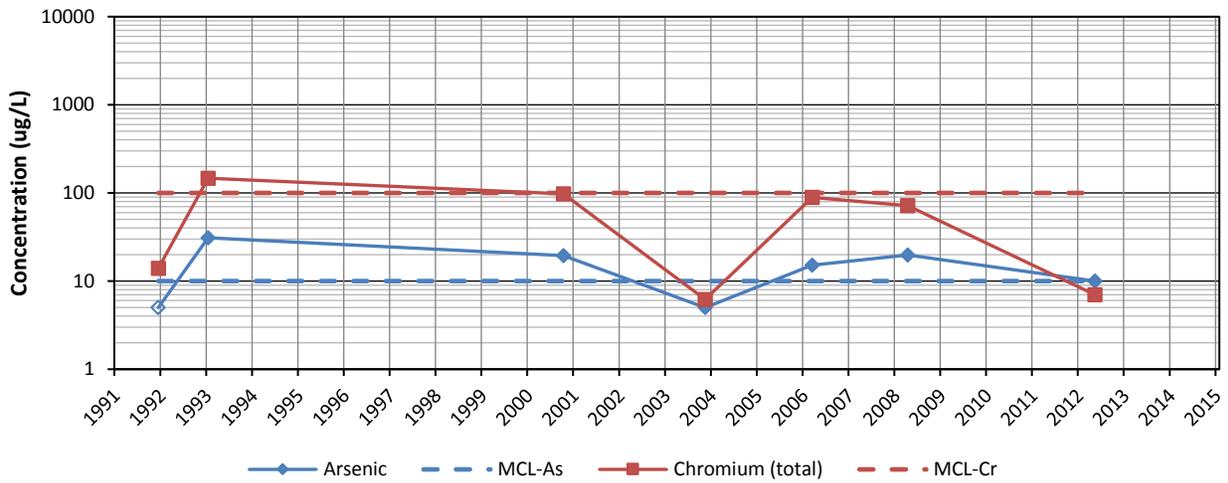


NOTES:  
Hollow symbols are historical non-detect data where the reporting limit was estimated.

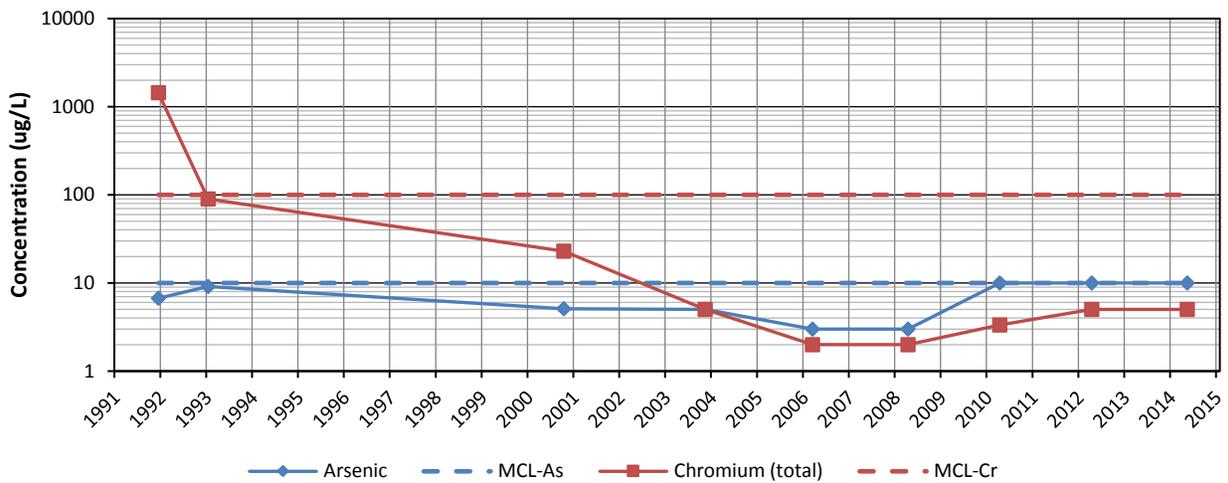
### MW-14 Metals



### MW-15 Metals

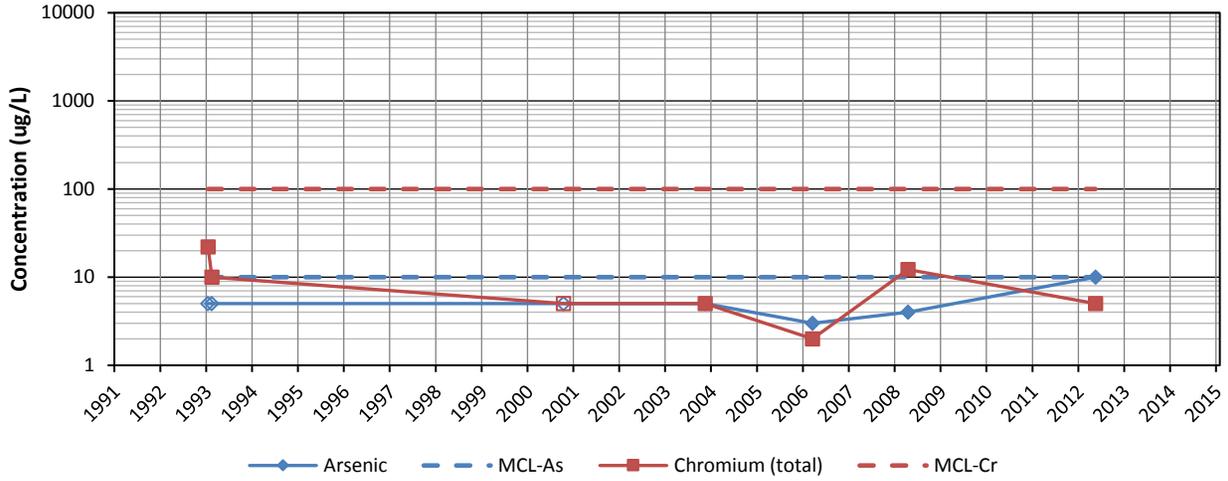


### MW-16 Metals

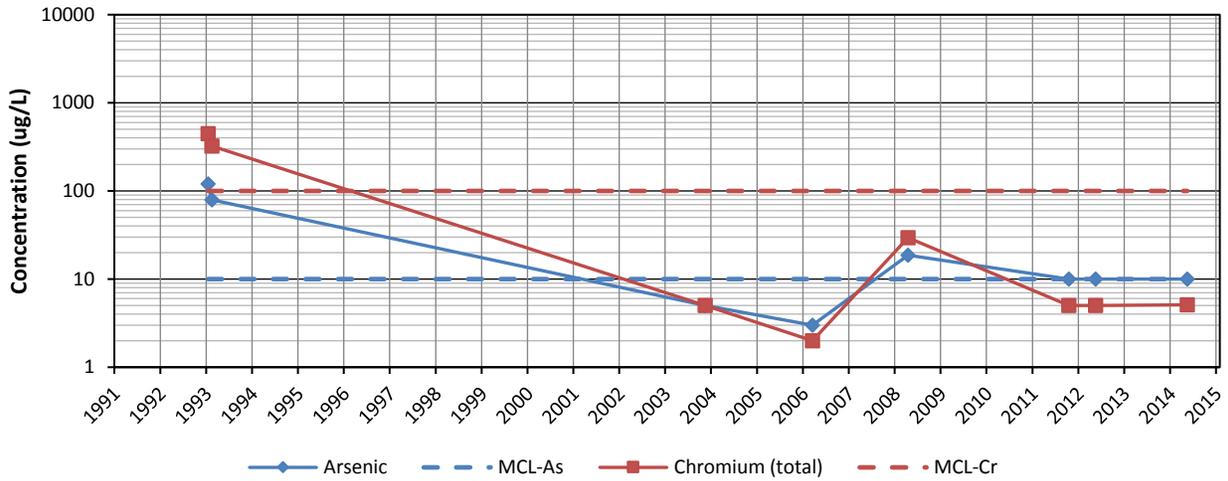


NOTES:  
Hollow symbols are historical non-detect data where the reporting limit was estimated.

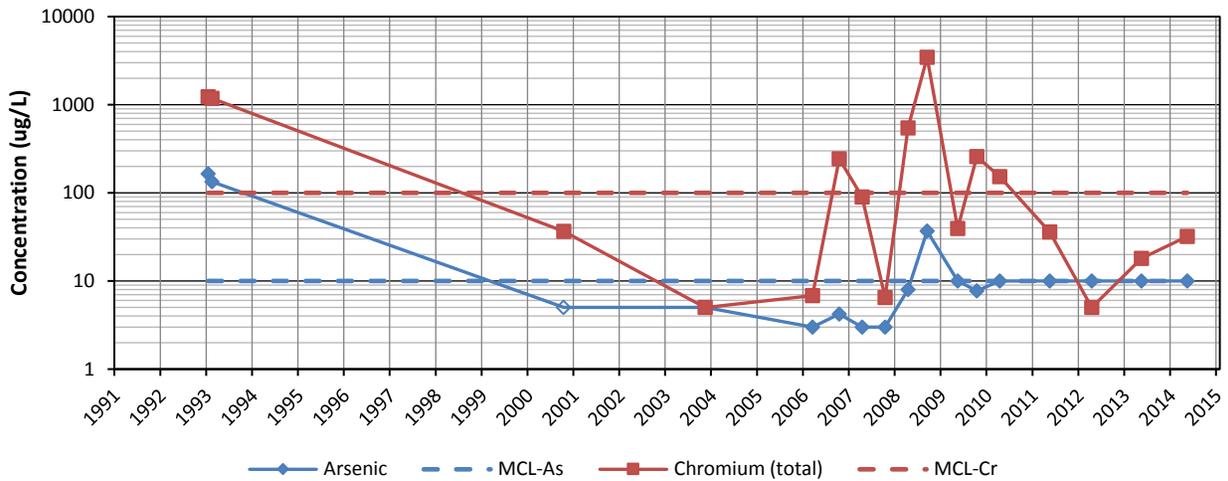
### MW-17 Metals



### MW-20 Metals

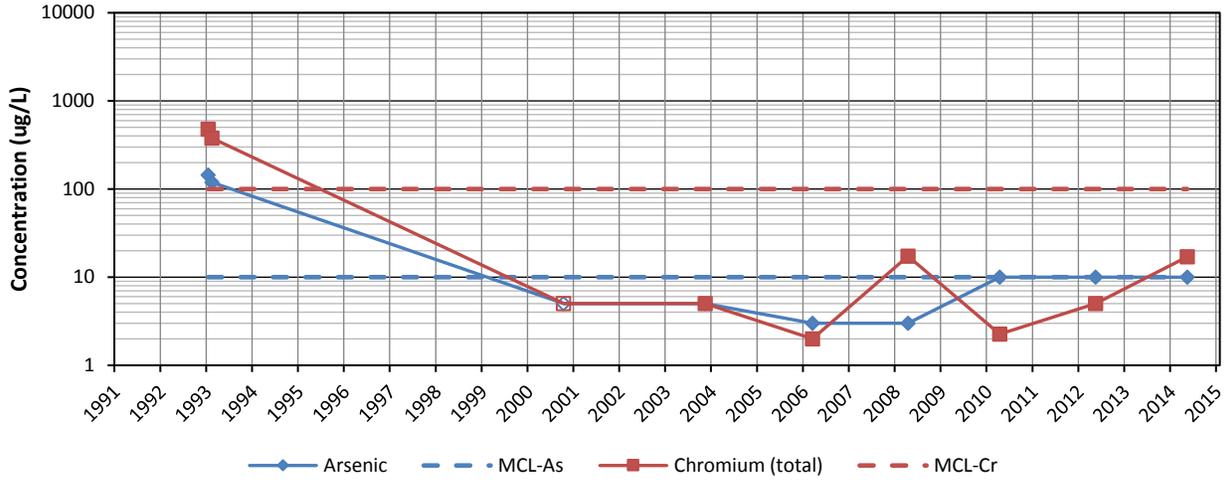


### MW-23 Metals

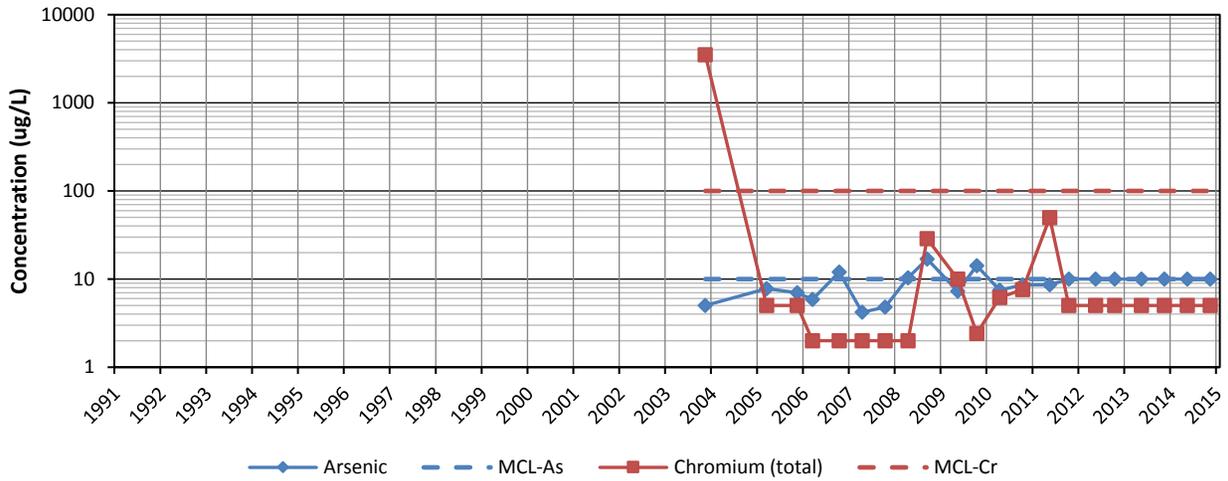


NOTES:  
Hollow symbols are historical non-detect data where the reporting limit was estimated.

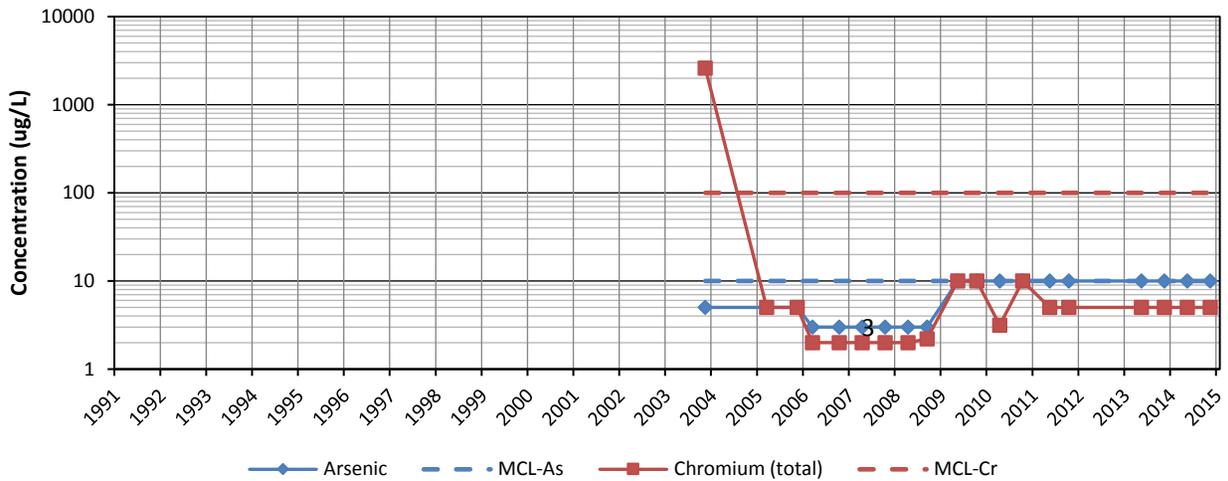
### MW-25 Metals



### MW-41 Metals

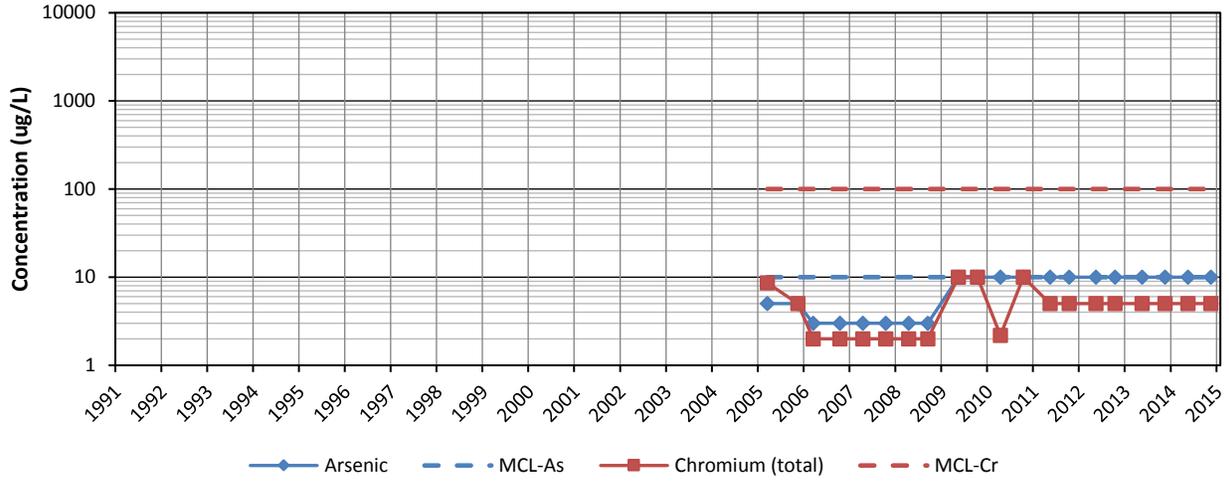


### MW-42 Metals

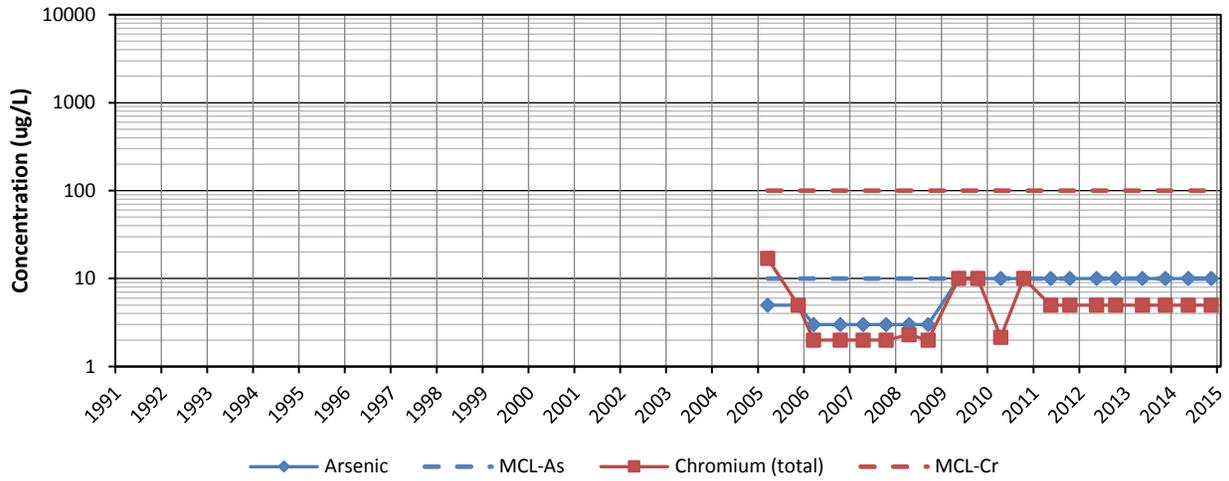


NOTES:  
Hollow symbols are historical non-detect data where the reporting limit was estimated.

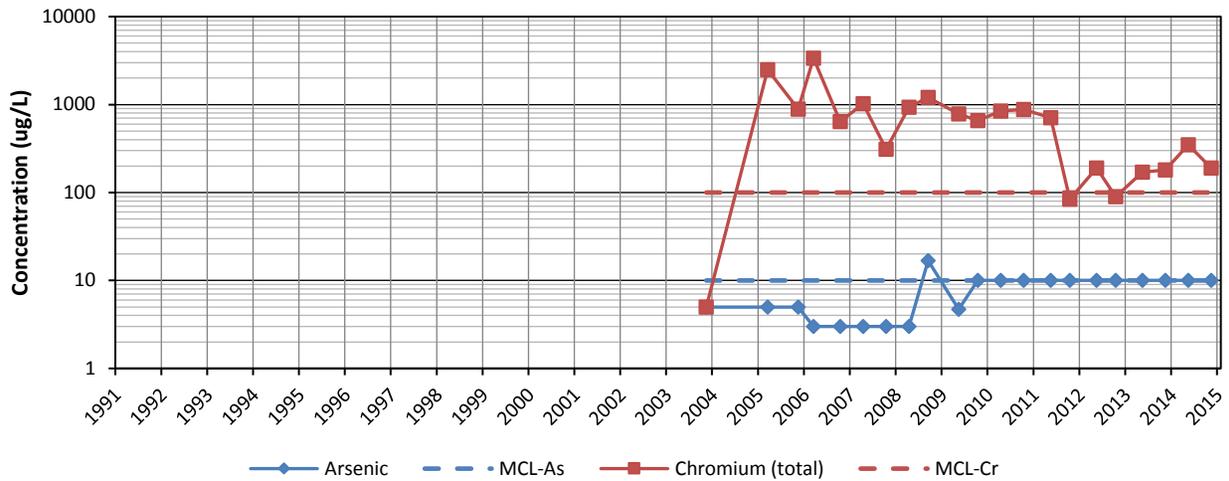
### MW-43 Metals



### MW-44 Metals

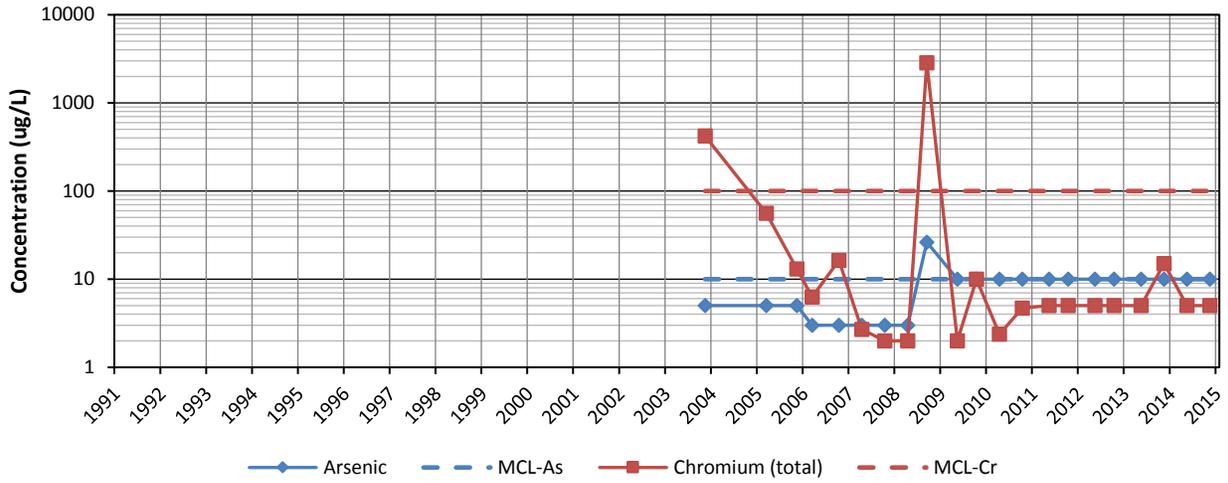


### MW-45 Metals

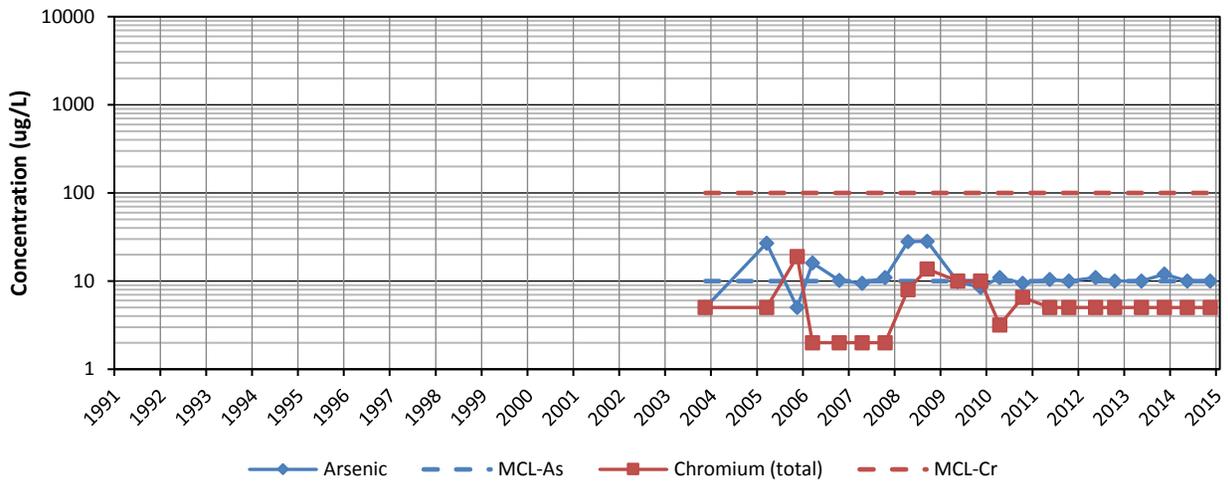


NOTES:  
Hollow symbols are historical non-detect data where the reporting limit was estimated.

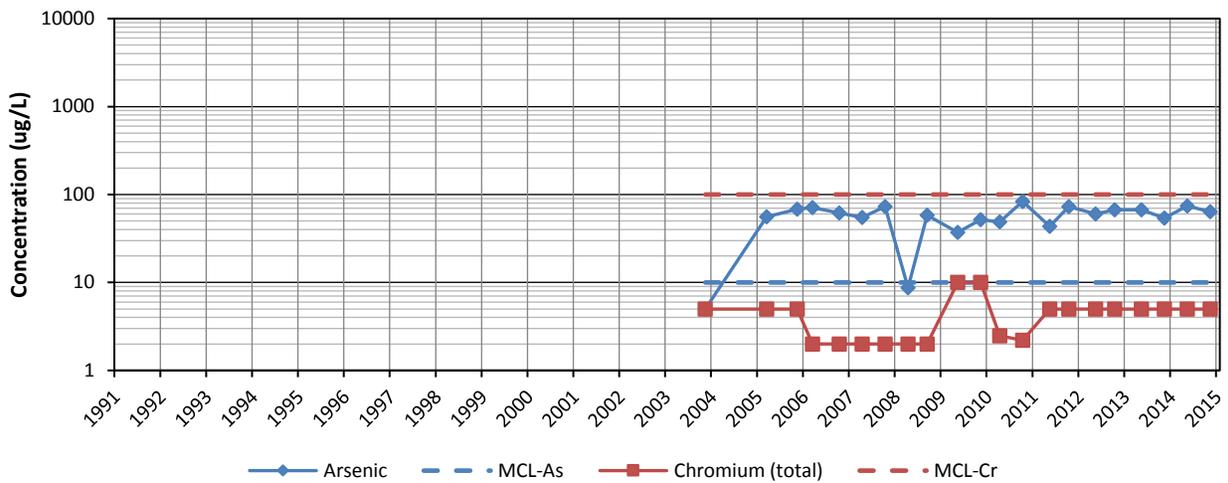
### MW-46 Metals



### MW-47 Metals



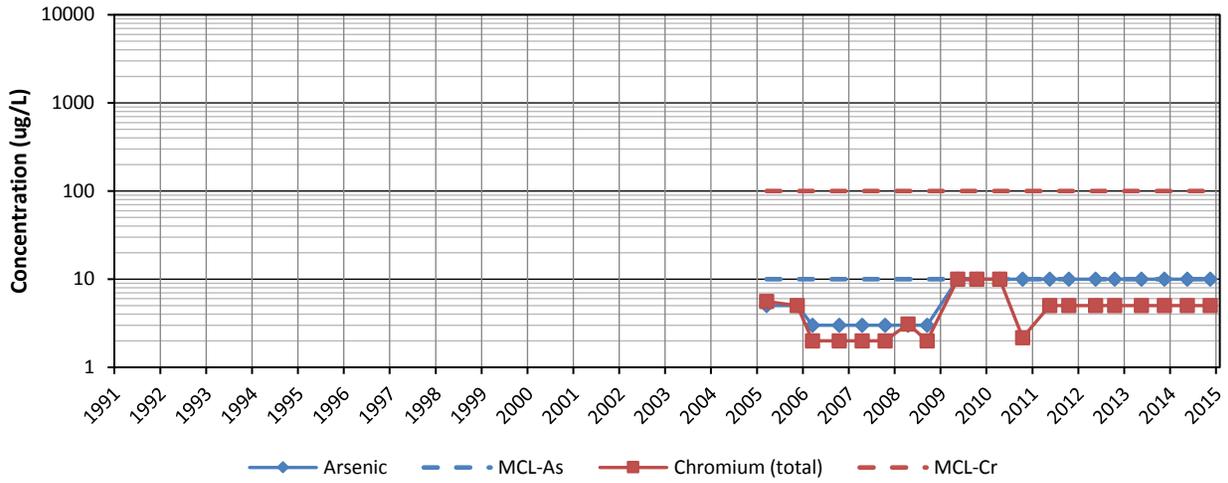
### MW-48 Metals



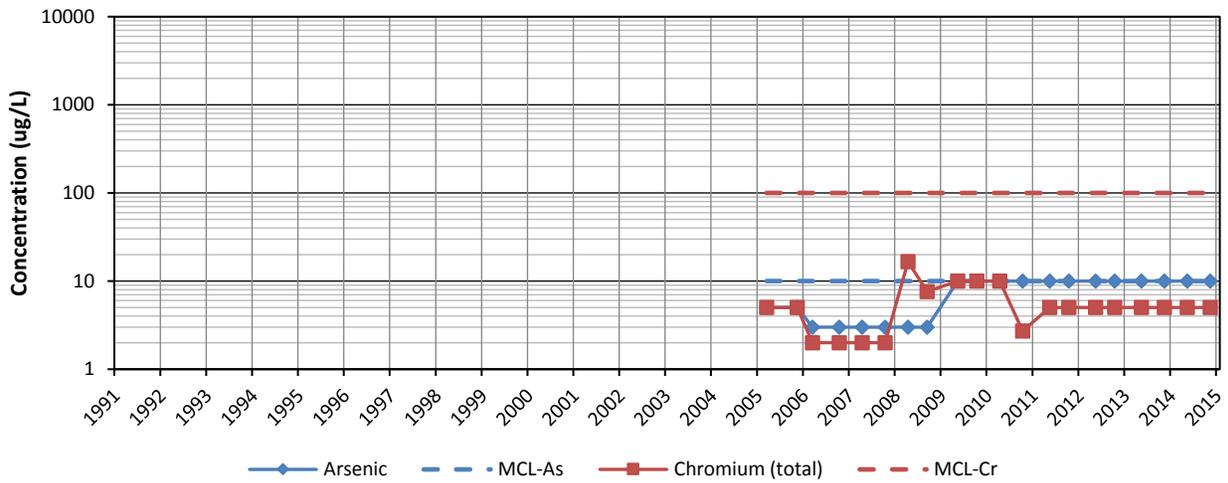
NOTES:

Hollow symbols are historical non-detect data where the reporting limit was estimated.

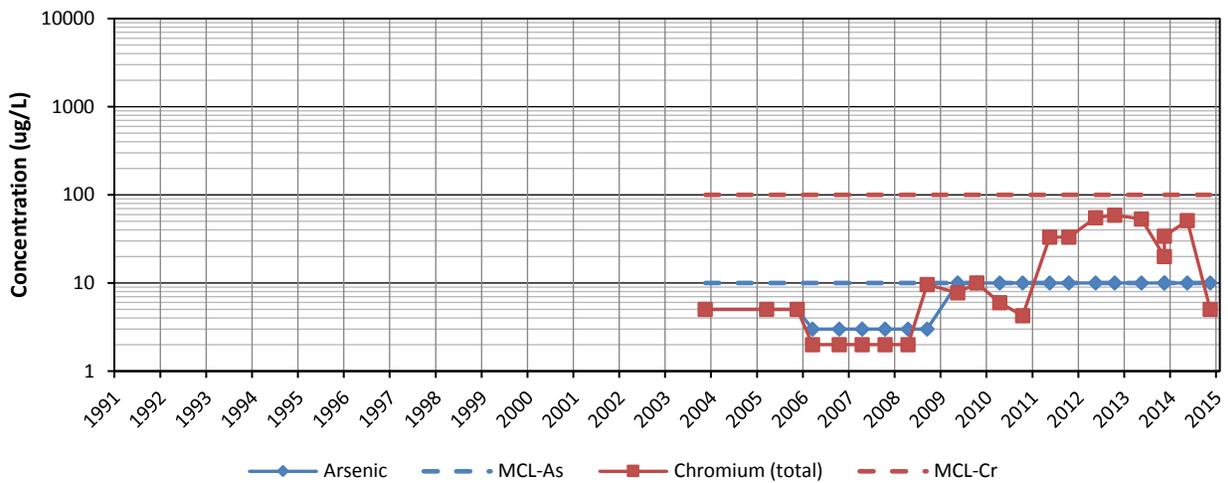
### MW-49 Metals



### MW-50 Metals

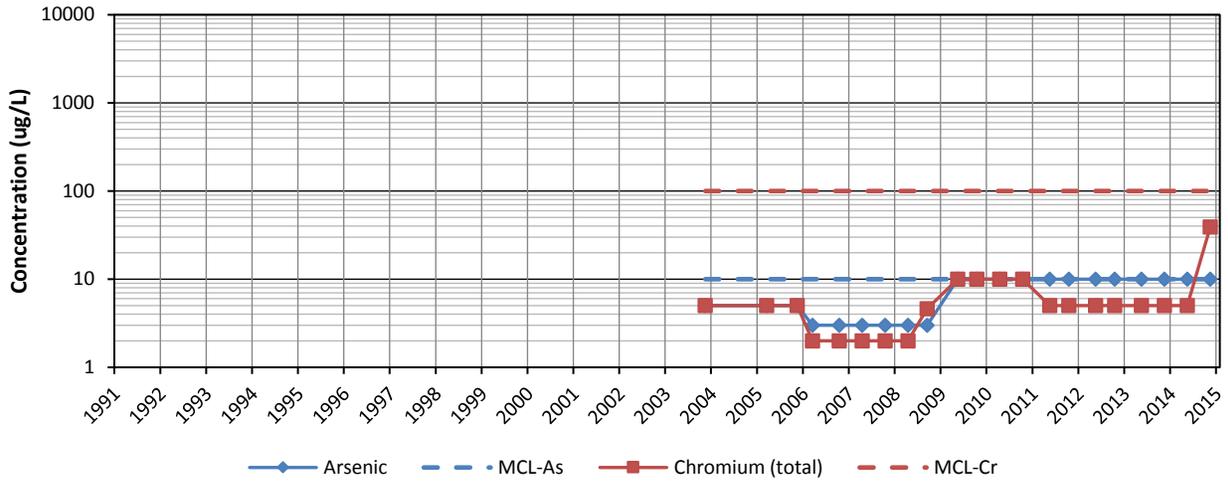


### MW-51 Metals

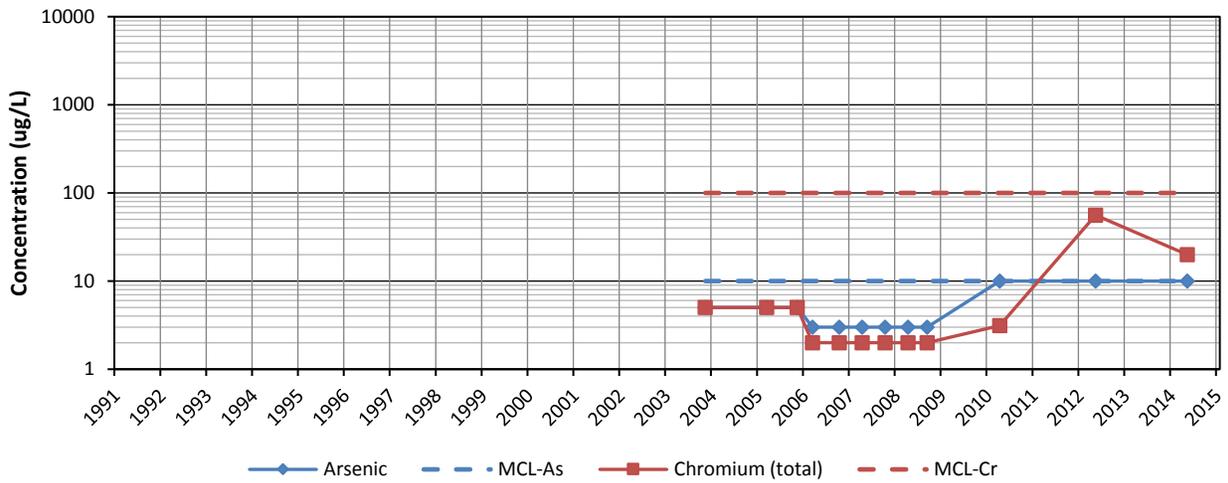


NOTES:  
Hollow symbols are historical non-detect data where the reporting limit was estimated.

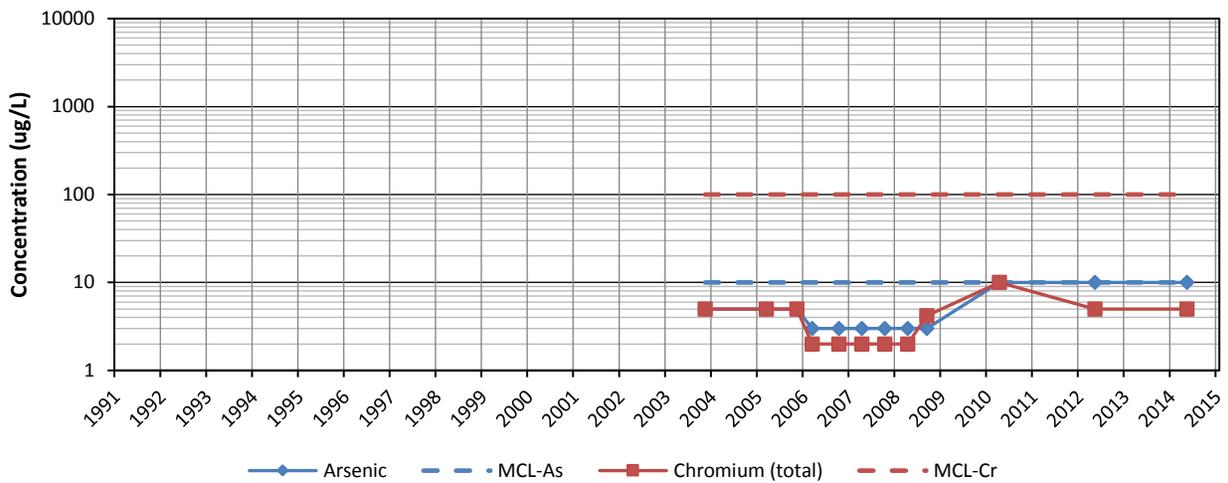
### MW-52 Metals



### MW-53 Metals

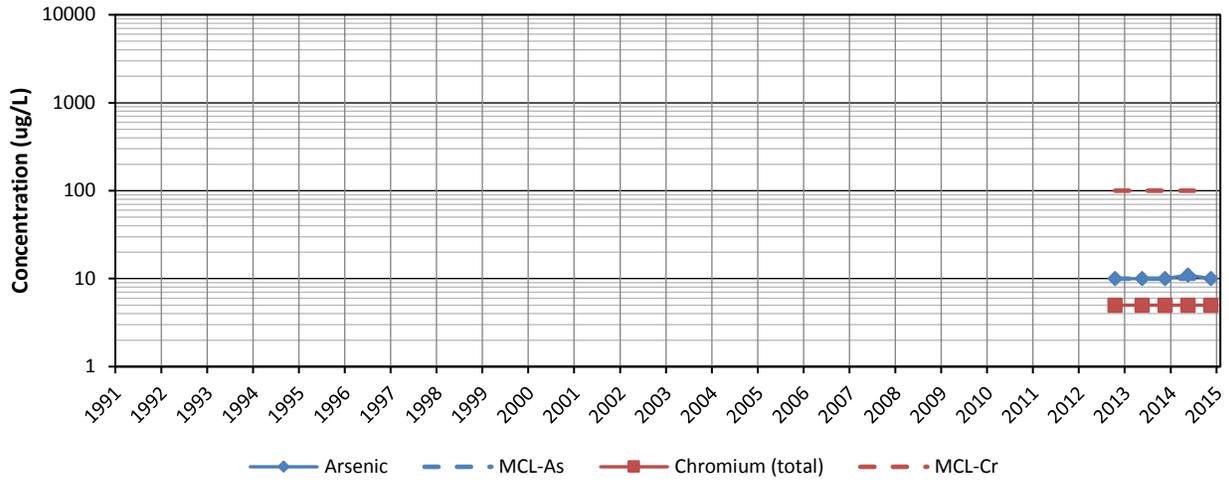


### MW-54 Metals

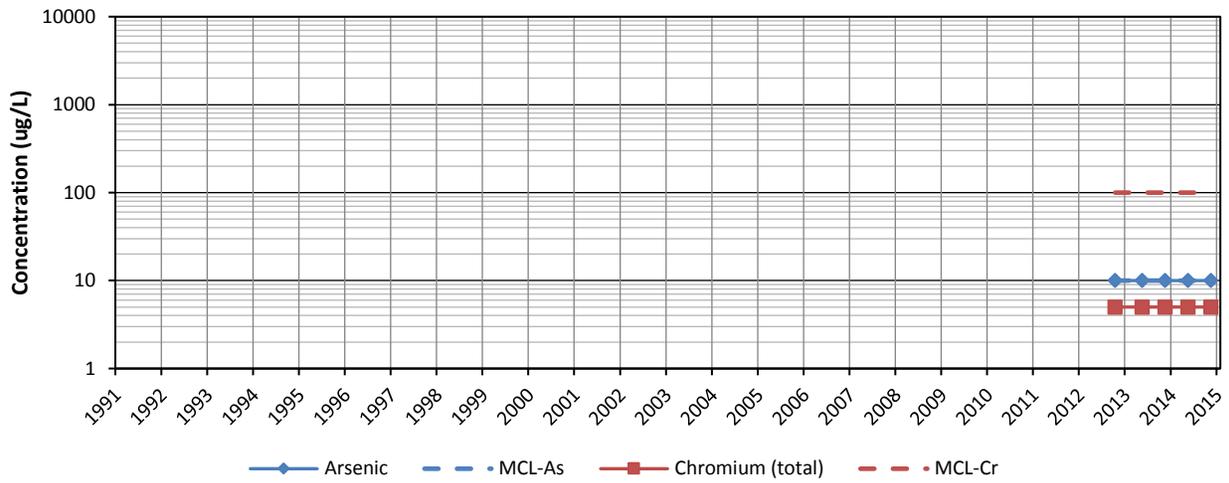


NOTES:  
Hollow symbols are historical non-detect data where the reporting limit was estimated.

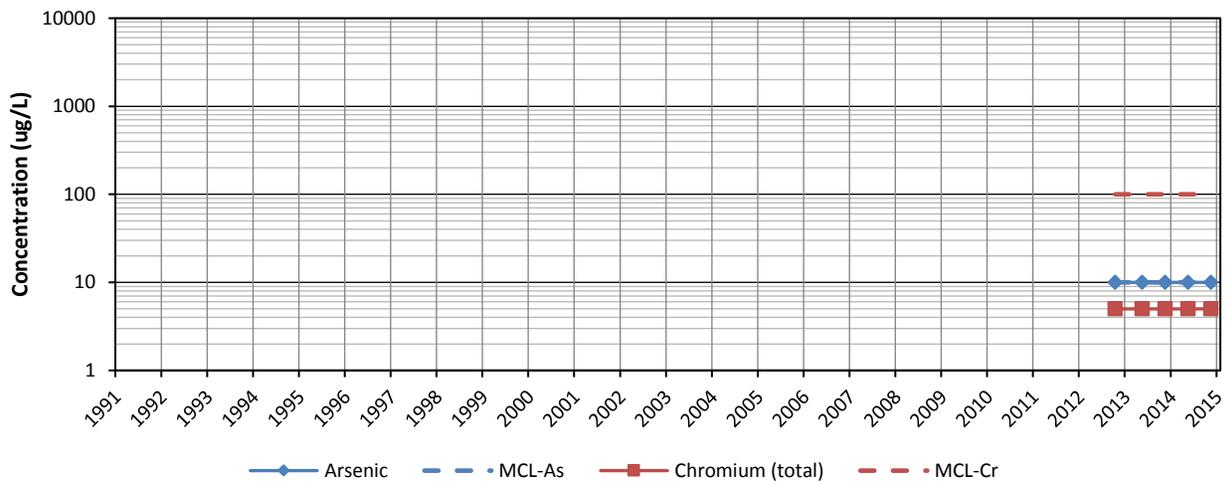
### MW-55 Metals



### MW-56 Metals

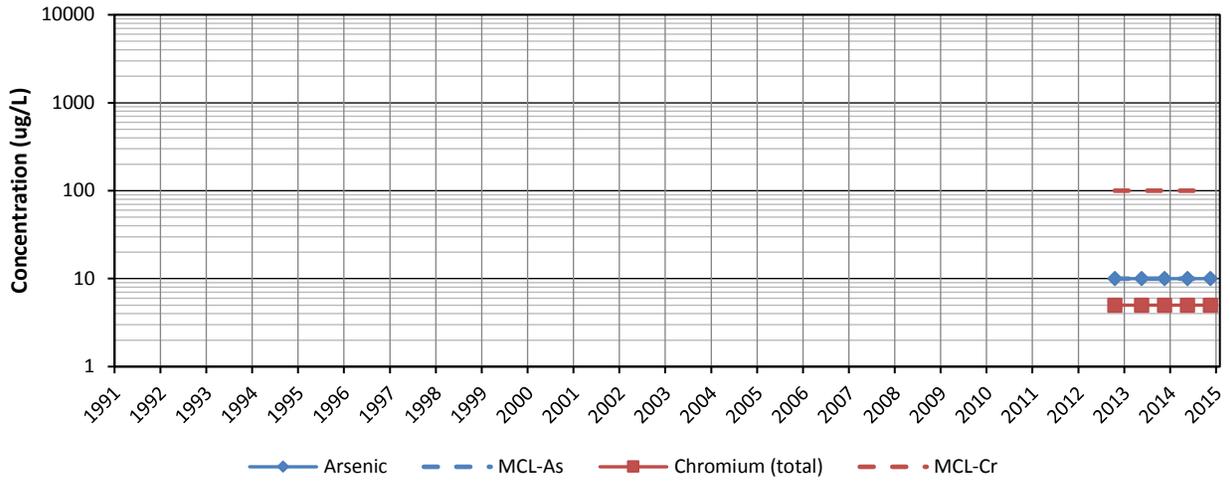


### MW-57 Metals

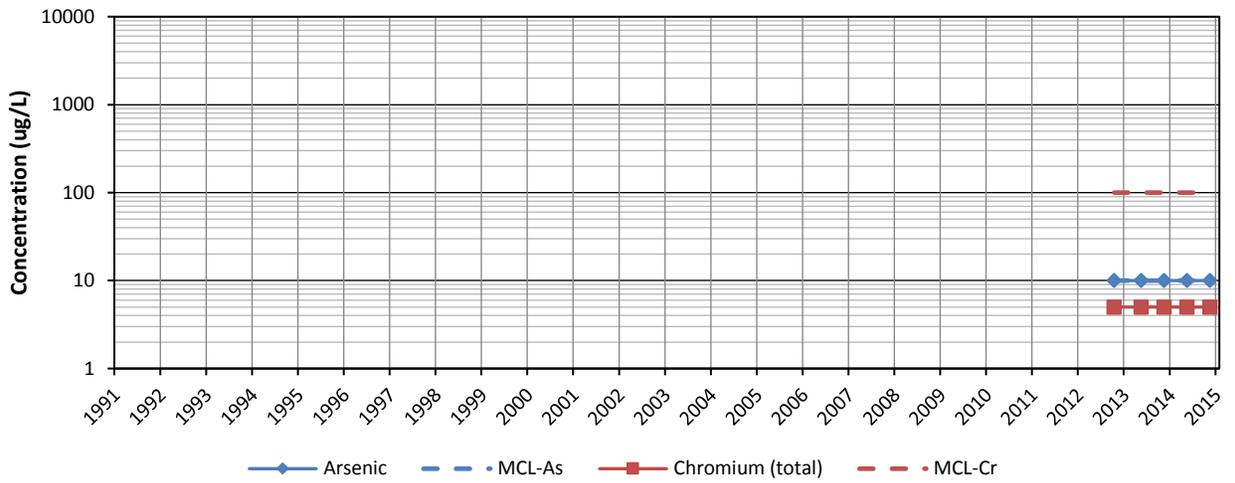


NOTES:  
Hollow symbols are historical non-detect data where the reporting limit was estimated.

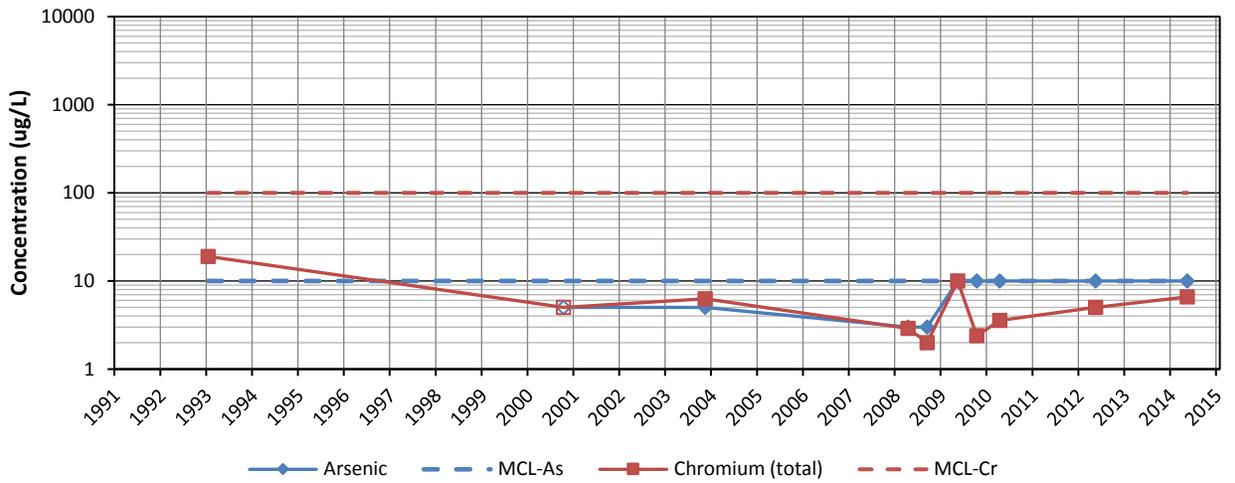
### MW-58 Metals



### MW-59 Metals

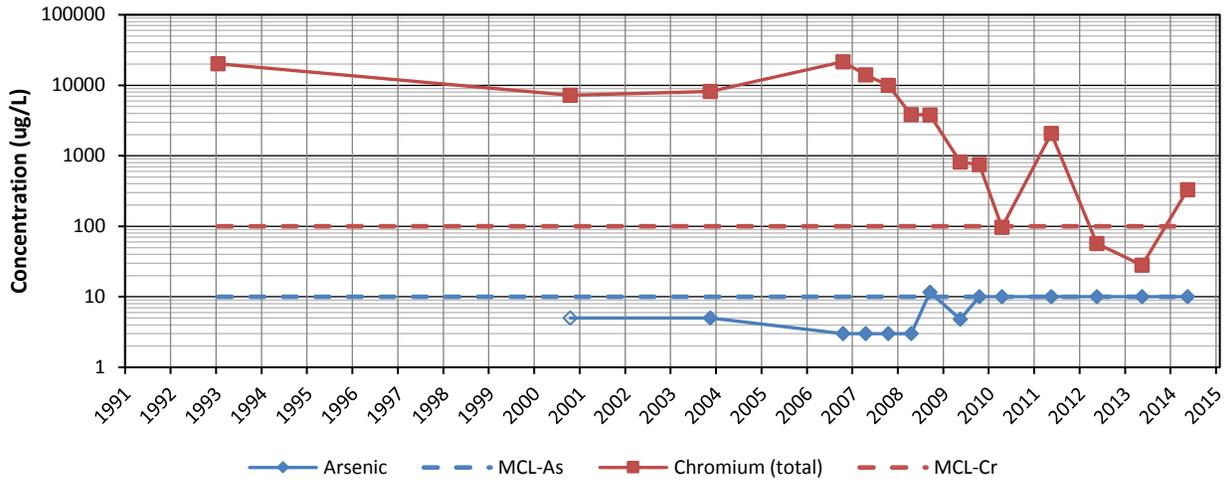


### RT-1 Metals

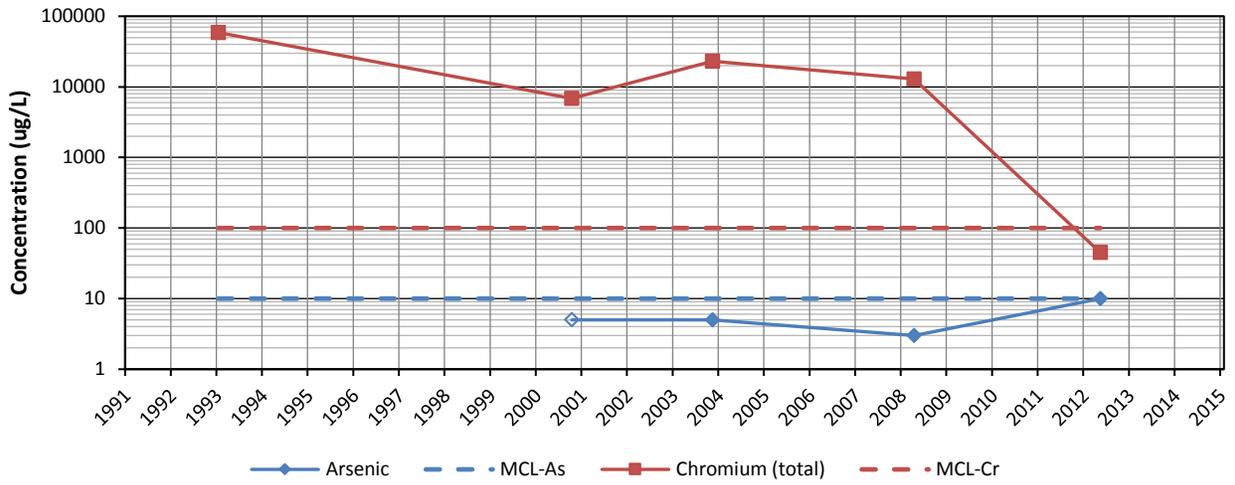


NOTES:  
Hollow symbols are historical non-detect data where the reporting limit was estimated.

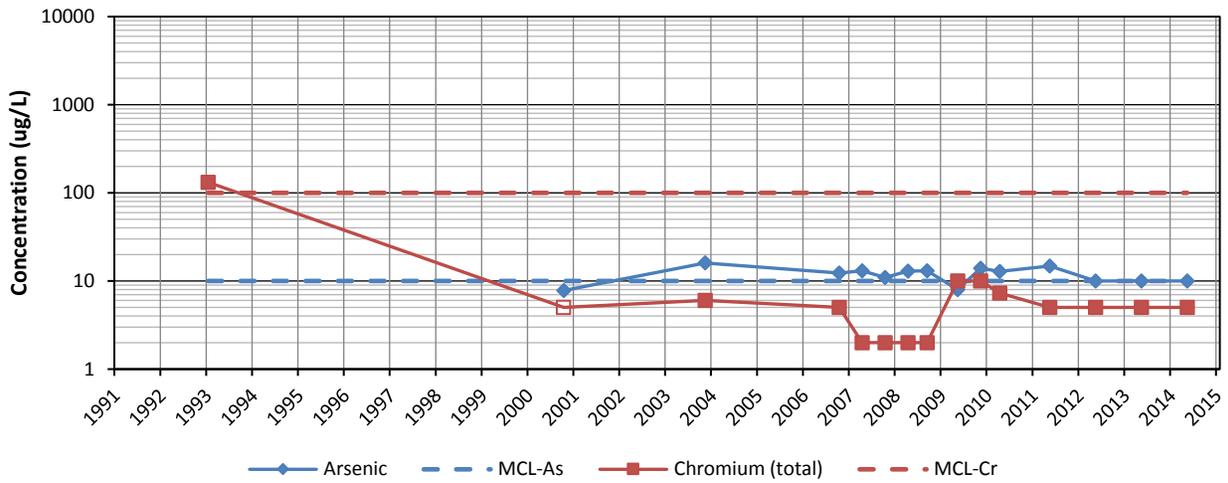
### RT-2 Metals



### RT-3 Metals



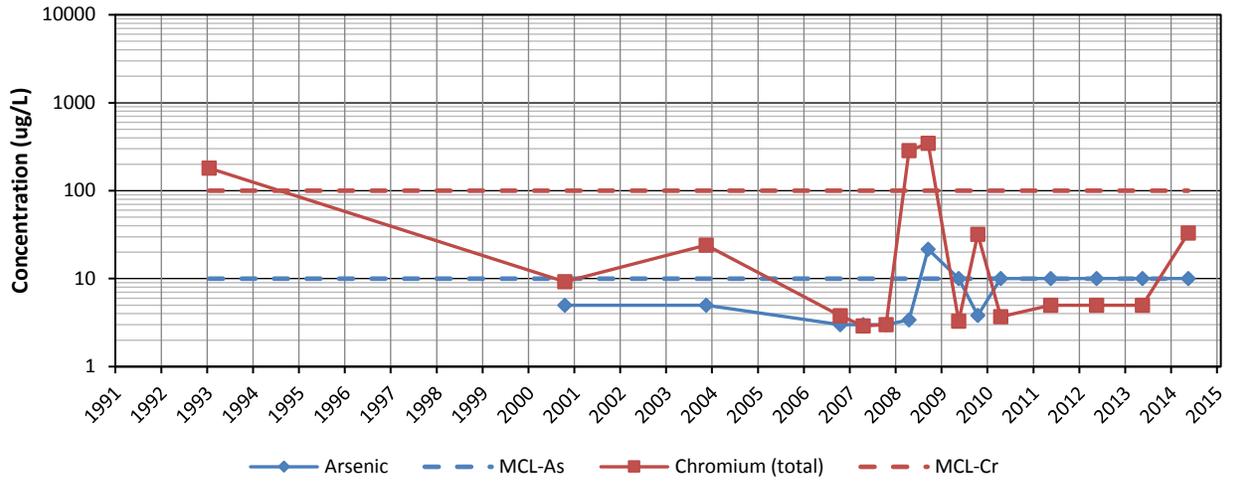
### RT-4 Metals



NOTES:

Hollow symbols are historical non-detect data where the reporting limit was estimated.

## RT-5 Metals



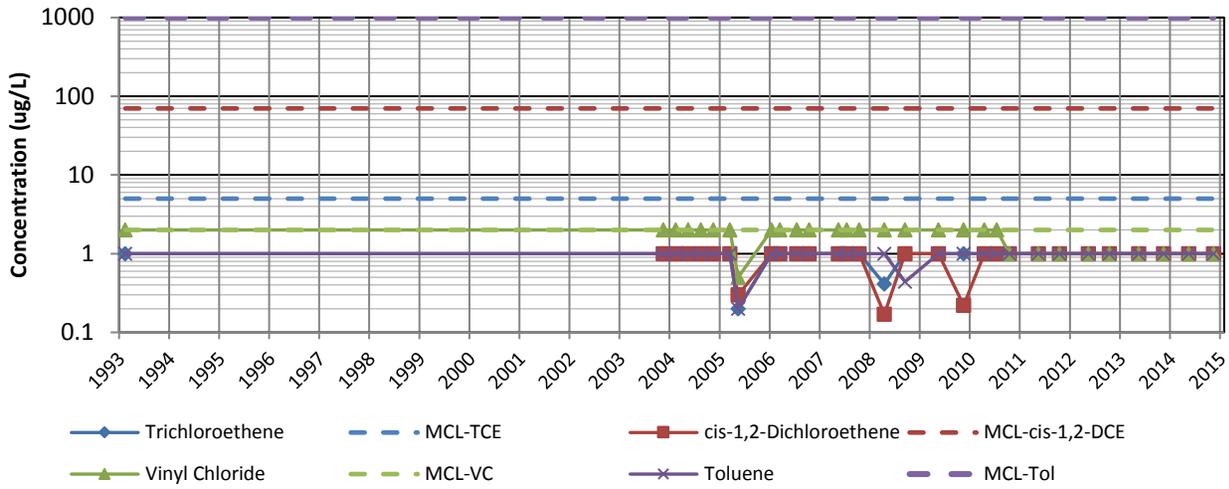
**NOTES:**

Hollow symbols are historical non-detect data where the reporting limit was estimated.

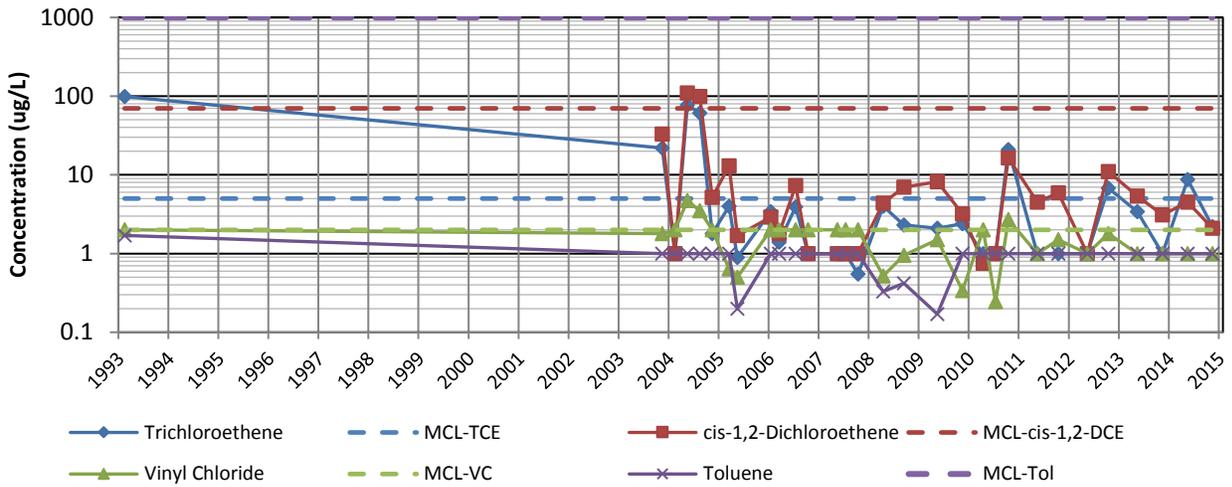
## Surface Water VOC Plots



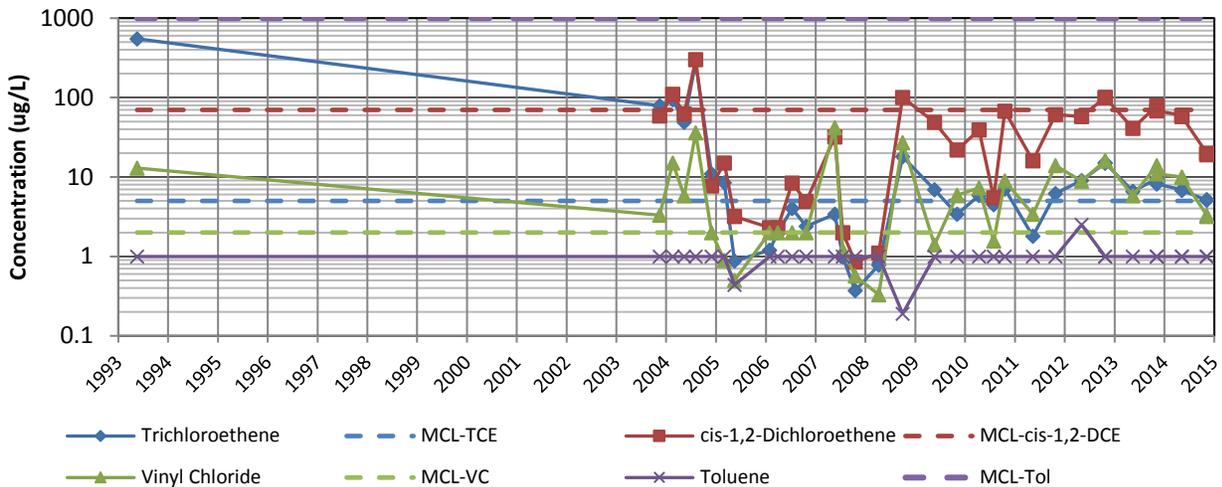
### SW-22 VOCs



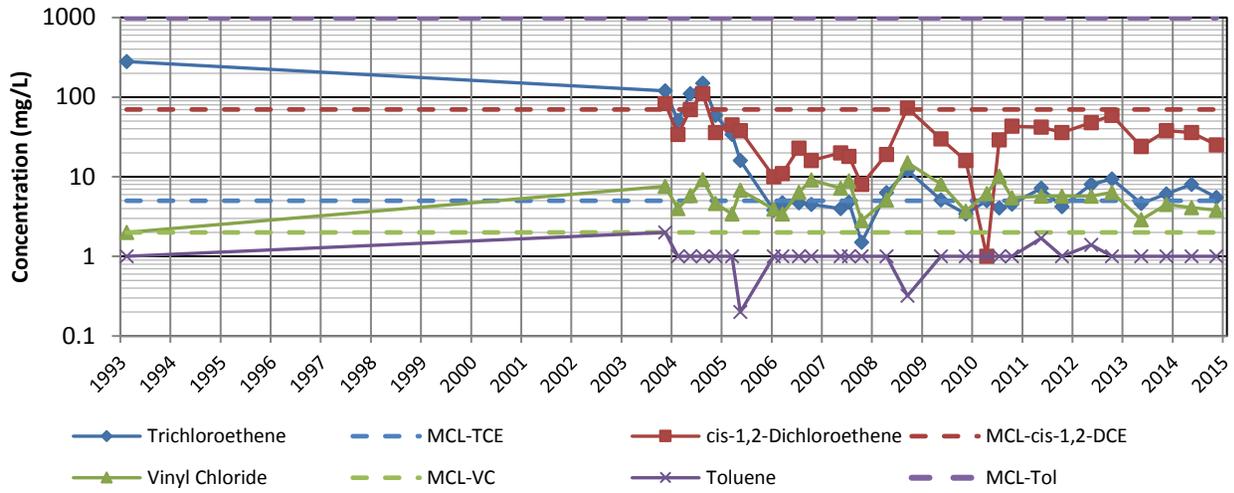
### SW-12 VOCs



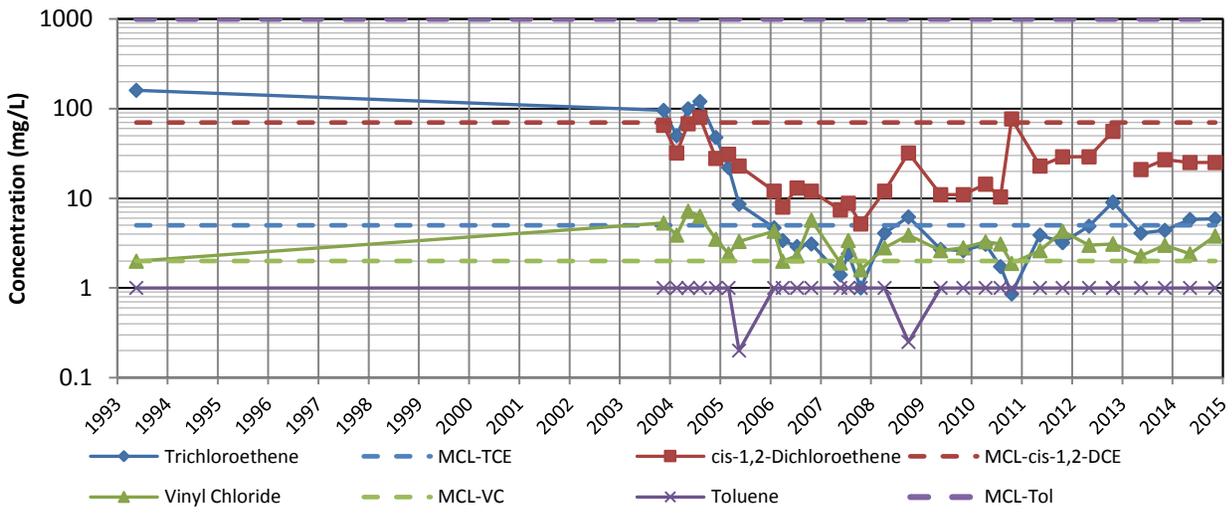
### SW-19 VOCs



### SW-9 VOCs



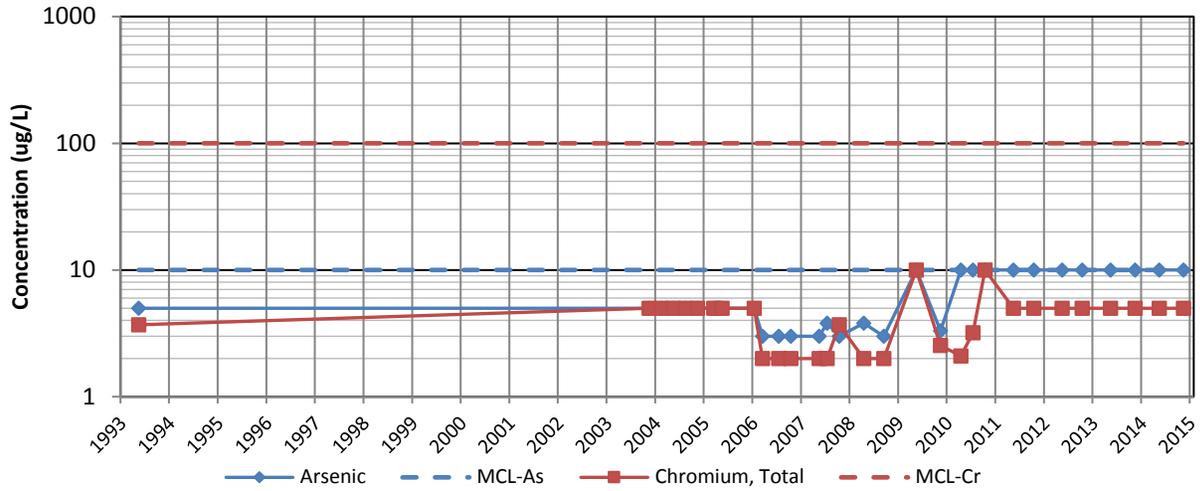
### SW-17 VOCs



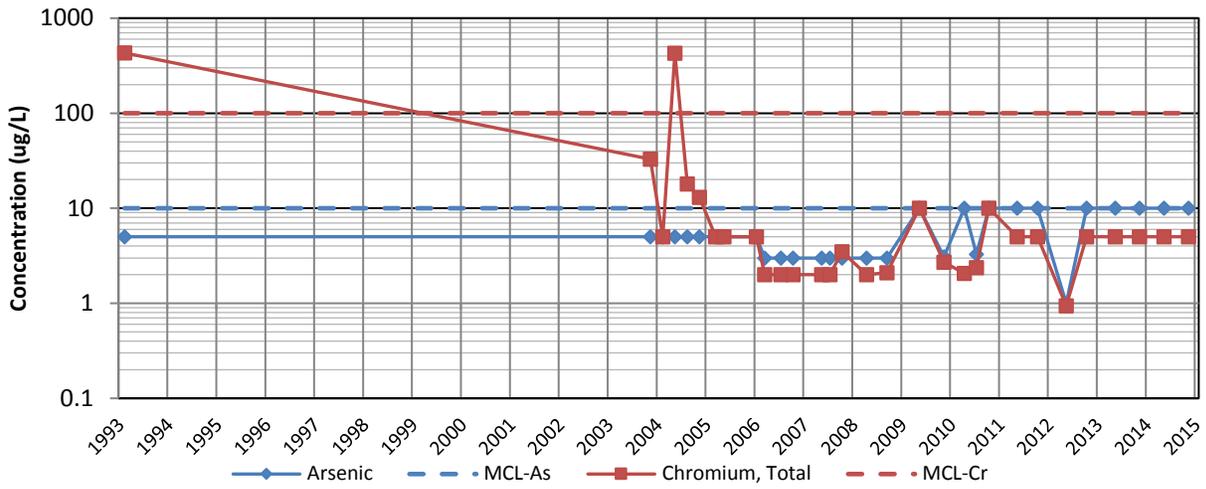
## Surface Water Metals Plots



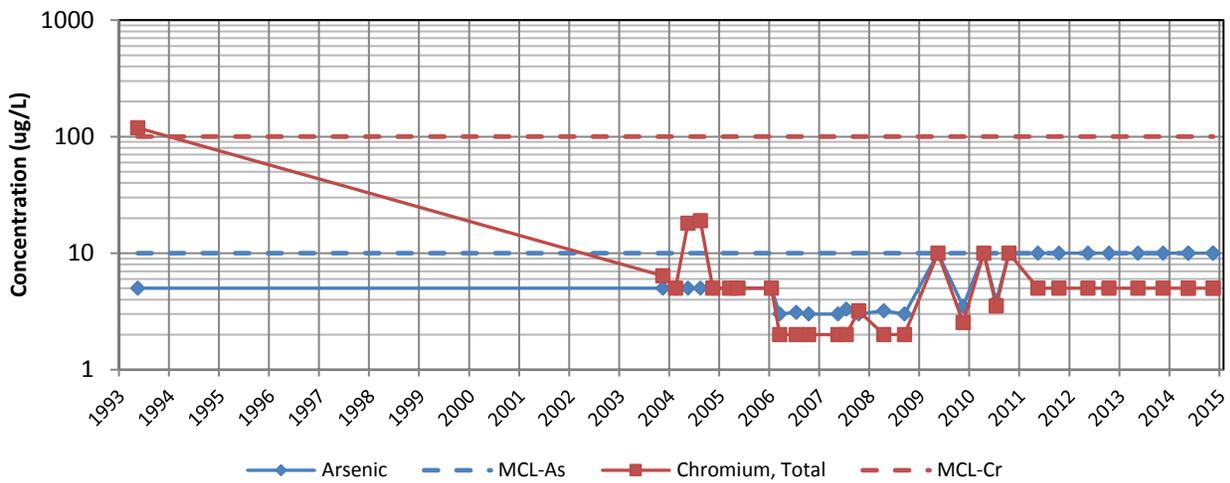
### SW-22 Metals



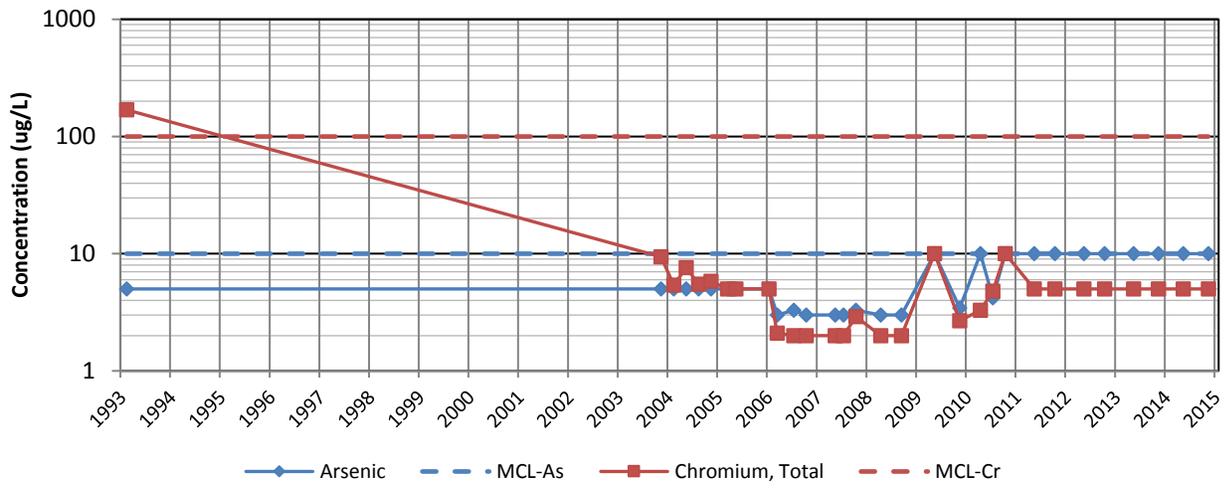
### SW-12 Metals



### SW-19 Metals



### SW-9 Metals



### SW-17 Metals

